



Accredited B++ Grade by NAAC with CGPA 2.92 Athiyaman Bypass Road, Sogathur Post, Dharmapuri 636 809 Phone : 94436 04446, 94436 04447 E-meil : dbc155@live.in Website : www.dbcdharmapuri.edu.in



PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME	:	ARUL KUMAR. M
REG.NO	:	C23PG155CSC001.
PROGRAMME	:	M.SL- COMPUTER SCIENCE
DATE	:	05.08-2024-29-08-2024
VENUE	:	BOSCO SOFT TECHNOLOGIES Pur, Lod., VELAGIERI

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INCHARGE

Mr. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., HEAD OF THE DEPARTMENT Assistant Professor, PG & Research Department of Computer Science, DEPARTMENT OF COMPUTER SCIENCE Don Bosco College, Dharmapuri-636 809. DON BOSCO COLLEGE, DHARMAPURI.



Present north

DON BOSCO COLLEGE ATHIYAMAN BYPASS ROAD, SOGATHUR POST, DHARMAPURI-636 809.

PERMISSION LETTER

From

Head of the Department, [Lomputer Science]

Don Bosco College,

Dharmapuri.

То

The Secretary / Rector Father,

Don Bosco College,

Dharmapuri.

Respected Father,

Our II M.Sc Computer Science students are planning to undertake a 30-day internship at Bosco Soft Technologies Pvt. Ltd, Yelagiri. This opportunity will be highly beneficial for them, providing valuable real-world IT experience. Kindly grant them permission for this study opportunity.

Thanking you Father,

Date: 19.07.2024

Place : Dharmapuri.

V 19191284.

VADAMALAI, MCA.,M.Phil.,B.Ed., EAD OF THE DEPARTMENT ASSISTANT PROFESSOR PARTIENT OF COMPUTER SCIENCE IN BOSCO COLLEGE, DHARMAPURI. Yours Sincerely,





dbcdpics 2022 <dbcdpics2022@gmail.com>

BC, Dharmapuri, Internship student name list

nessages

cdpics 2022 <dbcdpics2022@gmail.com> : hre@boscosofttech.com Mon, Jul 29, 2024 at 1:24 PM

Good afternoon sir,

Attached to this email is the list of internship students' names.

angeetha V <hre@boscosofttech.com> Fri, Aug 2, 2024 at 3:26 PM b: uk <uk@boscosofttech.com>, Henrick <henrick@boscosofttech.com>, Bosco Soft Technologies Pvt Ltd hr@boscosofttech.com>, Kutty N <qa@boscosofttech.com> c: John <supportfinance@boscosofttech.com>, Arockiaraj Leo M <finacc@boscosofttech.com>, Thirunavukarasu M kalai@boscosofttech.com>, "Siva Prasanth A ." <sivaprasanth@dbcyelagiri.edu.in> cc: dbcdpics2022@gmail.com

Dear Sirs,

We have planned to take 5 internship trainees from Don Bosco, Dharmapuri.

Internship duration: 5th August to 31st August 2024. Technology: ReactJs Venue: Boscosoft (along with techtalk students)

@UK sir: please include 5 food counts for those days.

With regards, Sangeetha V

-----Forwarded message ------From: Sangeetha V <hre@boscosofttech.com> Date: Fri, 2 Aug 2024, 00:49 Subject: Fwd: DBC, Dharmapuri, Internship student name list To: Gregory Thaddeus <gt@boscosofttech.com>, Henrick <henrick@boscosofttech.com> Cc: Bosco Soft Technologies Pvt Ltd <hr@boscosofttech.com>

Dear Father,

The Head, department of MSc (CS) contacted us and requested for a 1 month (Aug 2024) internship in Boscosoft.

We are proposing to combine internship along with the TechTalk Reactis in our office premises. (TechTalk - 8 & Internship - 5). And we plan to start the internship from 5th August to 31st August 2024 (21 days).

Course Plan for Internship Students:

Session Hours - 60 hours + Mini Project evaluation

Course Fee : Rs. 6000 (Hostel & Food - Rs.3000 additional).

Please provide your suggestions and approval on the same.

[Quoted text hidden]

Gmall - DBC, Dhermapuri, Internship student name list

Best Regards, Sangeetha V HR Executive Bosco Soft Technologies Pvt. Ltd https://www.boscosofttech.com Mobile: +91 6369110461



dbcdpics 2022 <dbcdpics2022@gmail.com>

Mon, Aug 5, 2024 at 10:21 PM

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thid.

To: Sangeetha V <hre@boscosofttech.com> Cc: uk <uk@boscosofttech.com>, Henrick <henrick@boscosofttech.com>, Bosco Soft Technologies Pvt Ltd <hr@boscosofttech.com>, Kutty N <qa@boscosofttech.com>, John <supportfinance@boscosofttech.com>, Arockiaraj Leo M <finacc@boscosofttech.com>, Thirunavukarasu M <kalai@boscosofttech.com>, "Siva Prasanth A ." <sivaprasanth@dbcyelagiri.edu.in>

Received your mail. [Quoted text hidden]



Certificate of participation

This is to certify that ARUL KUMAR M (Reg. No C23PG155CSC001) PG Dept. of Computer Science

Don Bosco College, Dharmapuri underwent one month of In Plant Training in the resource

Centre of Bosco Soft Technologies Pvt. Ltd between August 05th and August 29th 2024.

P. Antony Selvan HRManager

Dr. S. Thaddeus SDB Director

BOSCO SOFT TECHNOLOGIES PRIVATE LIMITED S.H.C Complex, Vaniyambadi Road, Tirupattur Dt - 635 601, Tamilnadu.



DON BOSCO COLLEGE

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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

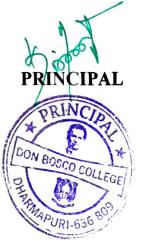
ACADEMIC YEAR 2024-2025

NAME	:	BHARANI . M
REG.NO	:	C23PG155 CSC 002
PROGRAMME	:	M.SC. COMPUTER SCIENCE
DATE	:	05-08-2024 - 29-08-2024
VENUE	:	BOSCO SOFT TECHNOLOGIES PUE, LEd.,
		YELAGIRI

120

P.M

INCHARGE Mr. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., Assistant Professor, G & Research Department of Computer Science, Don Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.



29/10/2024

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ADAMALAI, MCA., M.Phil., B.Ed., AD OF THE DEPARTMENT SSISTANT PROFESSOR RTMENT OF COMPUTER SCIENCE BOSCC COLLEGE, DHARMAPURI.

4, 10:11 AM



dbcdpics 2022 <dbcdpics2022@gmail.com>

)BC, Dharmapuri, Internship student name list

messages

lbcdplcs 2022 <dbcdpics2022@gmall.com> o: hre@boscosoftlech.com

Mon, Jul 29, 2024 at 1:24 PM

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Received your mail. [Quoted text hidden]





This is to certify that BHARANI M (Reg. No C23PG155CSC002) PG Dept. of Computer Science

Don Bosco College, Dharmapuri underwent one month of In Plant Training in the resource

centre of Bosco-Soft Technologies Pvt. Ltd between August 05th and August 29th 2024.

P. Antony Selvan HR Manager

haddeus SDB Director

BOSCO SOFT TECHNOLOGIES PRIVATE LIMITED S.H.C Complex, Vaniyambadi Road, Tirupattur Dt - 635 601, Tamilnadu.





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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

- NAME : NOW THAM . R
- REG.NO : C23PA155 CSC003
- PROGRAMME : M. SC COMPUTER Science
- DATE :29.07.2024 to 30.08.2024
- VENUE : Techasaft Private limited, Bangalore

p.m

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INCHARGE I. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA..M.Phil., B.Ed., Assistant Professor, G & Research Department of Computer Science, Don Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.



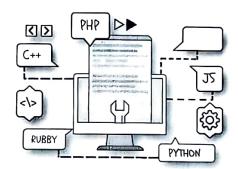
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INTERNSHIP TRAINING CONTENT

TOPIC: WEBSITE DEVELOPMENT

As we are living in the era of the digital world, the website is the main core of any business. A website is one of the prominent features of digital marketing, not only a website but a beautiful and well-designed website that enhance features of any business. To increase the reach of business and profit ration it is must



digitalize the business to gain maximum reach to customers and acquire your space in the cut-throat competitive market. The Internet has unlimited power and reaches to the target customers for business and services provided by any website development company. The best way to utilize the power of the internet is to go digital and speared the business like butter on a slice.

Techasoft, being a top-notch website developing company in Bangalore is providing all kind of website development services that too at an effective cost. We are having a creative, dedicated and experienced team with us to complete all operations regarding websites. Techasoft is a well progressive Web Development Company in Bangalore, which is working across the globe.

The modules of our hospital management software are patient registration, appointment and scheduling, in-patient management, outpatient management, in-patient billing, discharge summary, laboratory management, radiology management, pharmacy management, consultation management, medical data, security management, service management, accounts management, MIS reports, MRD management and management of balance sheet. Our software has the following benefits –

TechasoftPvt. Ltd.#435, 3rd Floor, 27th Main Road,1st Sector HSR Layout, Bangalore - 560102

Creativity

Techasoft has proven past experience, in terms of creativity and quality. Techasoft provides unique web designs and themes for their clients as per their requirements and budget to make every website standout from the crowd. Our experienced web development works wholeheartedly to meet your business needs.

Responsive

Most of the internet users are mobile consumers, according to a recent survey, about 70 percent of people across the world use a mobile device for visiting sites on the internet. Our intelligent user interface develops the website which is very responsive on both mobile and desktop platforms.

Effective

Techasoft can make your website the most effective one so that you can generate a larger number of sales as a gem. Our web developer team develops a website in order to achieve more sales, rather than that, it also converts your website visitors into customers.

A well-developed website has unlimited potential to attain the maximum reach of the business. Techasoft is a leading web development company in Bangalore that understands each and every micro information about the website and business to provide the excellent services out of best. The crucial part of designing any website is understanding the main motive of the website and its user interface that acts like a magnet to the customers.

Customer satisfaction is the backbone of our organization and we continuously work hard to maximize it and gives the rich experience with one of the best website development company in re Bangalore - Techasoft.

M. Kathija Bee HR Manager Techasoft Pvt Ltd, Bangalore.



TechasoftPvt. Ltd.#435, 3rd Floor, 27th Main Road,1st Sector HSR Layout, Bangalore - 560102



TECHASOFT PRIVATE LIMITED

"Crafting ideas to products"

INTERNSHIP CERTIFICATE

This is to certify that

GOWTHAM R

(Reg. No: C23PG155CSC003)

Studying her Master of Science in Computer Science at Don Bosco College, Dharmapuri, has

undergone Internship Training on "WEBSITE DEVELOPMENT" During the period from

29.07.2024 to 30.08.2024 at Techasoft Private Limited, Bangalore.

Date : 31.08.2024 Place: Bangalore

M. Knh

M.Kathija Bee HR Manager Techasoft Pvt Ltd, Bangalore.



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

: JAYASURYA . S NAME

REG.NO : C23PA155CBC004

PROGRAMME : M.Sc computer science

:29.07.2024 to 30.08. 2024 DATE

VENUE

: Techasoff Private limited, Bangaloro.

INCHARGE Mr. P. RAMACHANDRAN, M.Sc., B.Ed., M. Phil., Assistant Professor,

N, MCA..M.Phil.,B.Ed., HEAD OF THE DEPARTMENT Assistant Professor, G & Research Department of Computer Science, ASSISTANT PROFESSOR Department Professor D DON BOSCO COLLEGE, DHARMAPURI.



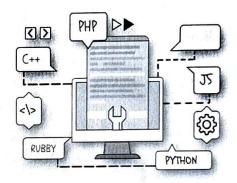
In Jul 2024



INTERNSHIP TRAINING CONTENT

TOPIC: WEBSITE DEVELOPMENT

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M. Kathija Bee HR Manager echasoft Pvt Ltd, Bangalore.

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INTERNSHIP CERTIFICATE

This is to certify that

JAYASURYA S

(Reg. No: C23PG155CSC004)

Studying her Master of Science in Computer Science at Don Bosco College, Dharmapuri, has

undergone Internship Training on"WEBSITE DEVELOPMENT"During the period from

29.07.2024 to 30.08.2024 at Techasoft Private Limited, Bangalore.

Date : 31.08.2024 Place: Bangalore

M. Kul



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DON BOSCO COLLEGE

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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME	: MONISH F
REG.NO	: C23PG155C3C006
PROGRAMME	: M.SC, COMPUTER SCIENCE
DATE	:25.07.2024 To 25.08.2024
VENUE	: TECHASOFT PRIVATE LIMITED, BANGLORE

NX.

INCHARGE HOD Mr. P. RAMAGHANDRAN. M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA., M.Phil., B.Ed., Assistant Professor, HEAD OF THE DEPARTMENT G & Research Department of Computer Science, ASSISTANT PROFESSOR Don Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.



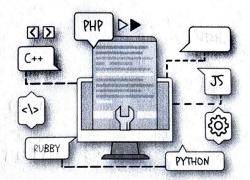
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M. Kathija Bee

HR Manager

Techasoft Pvt Ltd,

Bangalore.

Crafting Ideas



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Date : 26.08.2024 Place: Bangalore

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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME	: NITESHKUMAR.G
REG.NO	: C23PG155C5C007
PROGRAMME	: M.SC. COMPUTER SCIENCE
DATE	: 29.07.2024 To 80.08.2024
VENUE	: TECHAGOFT PRIVATE LIMITED, BANGALORE

p.me

INCHARGE HOD r. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA..M.Phil., B.Ed., Assistant Professor, & Research Department of Computer Science,

HEAD OF THE DEPARTMENT ASSISTANT PROFESSOR on Bosco College, Dharmapuri-636 809, DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.



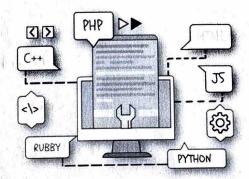
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> M. Kathija Bee HR Manager



Bangalore.

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Crafting Ideas to

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TECHASOFT PRIVATE LIMITED

"Crafting ideas to products"

INTERNSHIP CERTIFICATE

This is to certify that

NITESHKUMAR G

(Reg. No: C23PG155CSC007)

Studying her Master of Science in Computer Science at Don Bosco College, Dharmapuri, has

undergone Internship Training on "WEBSITE DEVELOPMENT" During the period from

29.07.2024 to 30.08.2024 at Techasoft Private Limited, Bangalore.

Crafting Ideas to

Date : 31.08.2024 Place: Bangalore

> M. Kathija Bee HR Manager Techasoft Pvt Ltd, Bangalore.



"Celebrating Your Journey of Growth and Achievement"



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME : SENTHIL VEL .M REG.NO : C23PGII55CSC008 PROGRAMME : MSC. COMPUTER SCIENCE DATE : 29.07.2024 - 30.08.2024 VENUE : FRIENDZION TECHNOLOGIES, HOSUR.

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INCHARGE HOD I. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA..M.Phil., B.Ed., Assistant Professor, HEAD OF THE DEPARTMENT 6 & Research Department of Computer Science, ASSISTANT PROFESSOR Ion Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.





INTERNSHIP REPORT

WEBSITE DEVELOPMENT

Introduction

The purpose of this internship report is to summarize the work and experience gained during my internship at FriendZion Technologies, where I was involved in the Website Development project. This internship provided me with valuable hands-on experience in the field of web development, enhancing my technical skills and understanding of industry practices.

At a reasonable price, we provide you with responsive websites. For many global and large Indian companies, we have built websites For our clients, our team has completed many projects and best designs that are customized to the individual business.

Friendzion feels privileged to state that we have proven results in satisfying our customer's requirements/demands.

Objectives of the Internship

The main objectives of my internship were:

- \checkmark To apply theoretical knowledge of web development in a real-world setting.
- ✓ To gain proficiency in front-end and back-end web development technologies.
- \checkmark To understand the workflow of a professional development team.
- \checkmark To contribute to the development of a fully functional website from concept to deployment.
- ✓ To enhance problem-solving, collaboration, and communication skills.

Overview of the Project

During my internship, I worked on the Website Development project.Website, which was aimed at [brief description of the website's purpose, e.g., creating an e-commerce platform for small businesses]. The project involved the development of both front-end and back-end components to ensure a seamless user experience and efficient data management.

Project Goals

Front-End Development: Create an intuitive and responsive user interface using HTML, CSS, and JavaScript.

Back-End Development: Develop server-side logic and database management

Integration: Ensure smooth integration between the front-end and back-end components.

Testing: Perform rigorous testing to identify and fix bugs.

Deployment: Deploy the website on a live server and optimize it for performance and security.

Roles and Responsibilities

Front-End Development

Design: Worked on the layout and design of web pages using HTML5, CSS3, and Bootstrap.

Interactivity: Implemented interactive elements using JavaScript and jQuery.

Responsive Design: Ensured that the website was mobile-friendly and responsive across different devices and screen sizes.

Back-End Development

Database Management: Designed and managed databases using MySQL, ensuring data integrity and security.

Server-Side Logic: Developed server-side scripts using [mention languages/frameworks, e.g., PHP, Node.js] to handle user requests, process data, and manage sessions.

APIs: Integrated third-party APIs to extend the functionality of the website, such as payment gateways or social media logins.

Testing and Debugging

Testing: Conducted unit and integration tests to ensure the functionality of the website.

Bug Fixing: Identified and resolved bugs and issues that arose during development.

User Acceptance Testing (UAT): Assisted in UAT by gathering feedback from users and making necessary adjustments.

Deployment

Hosting: Deployed the website on a web server using [mention hosting service, e.g., AWS, Heroku].

Optimization: Implemented performance optimization techniques, including image compression and code minification.

Security: Applied security best practices to protect the website from vulnerabilities, such as SQL injection and cross-site scripting (XSS).

Challenges and Solutions

Challenge: Time Management

Solution: Prioritized tasks and followed a structured timeline to ensure all project milestones were met.

Challenge: Debugging Complex Issues

Solution: Collaborated with senior developers and used debugging tools to effectively identify and resolve issues.

Challenge: Learning New Technologies

Solution: Utilized online resources and company-provided training materials to quickly learn and apply new technologies required for the project.

Skills Acquired

Throughout the internship, I developed and enhanced the following skills:

Technical Skills: Proficiency in HTML5, CSS3, JavaScript, [mention any frameworks, e.g., React, Angular], PHP, MySQL, and API integration.

Problem-Solving: Enhanced ability to troubleshoot and resolve issues efficiently.

Collaboration: Improved teamwork and communication skills through collaboration with other developers and project managers.

Project Management: Gained experience in managing project timelines and deliverables.



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

: SRIDHAR . P NAME

REG.NO : C23PG155C8C009

PROGRAMME : M.SL LOMPUTER SCIENCE

DATE : 22.07.2024 - 24.08.2024

: IGEEKS BRIDGING TECHNOLOGY, BANGALORE VENUE

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INCHARGE

ENIC

HOD INCHARCE IN S. VADAMALAI, MCA., M.Phil., B.Ed., HEAD OF THE DEPARTMENT Assistant Professor, G & Research Department of Computer Science, ASSISTANT PROFESSOR Don Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI





BACK END WEB DEVELOPMENT

The main objectives of the internship were:

- To develop responsive and interactive web pages using HTML, CSS, and JavaScript.
- To gain proficiency in front-end frameworks and libraries such as Bootstrap, React, Angular, or Vuc.js.
- To collaborate with back-end developers and UI/UX designers to create seamless user experiences.
- To learn and apply web development tools and version control systems like Git.
- To understand and implement web accessibility standards and performance optimization techniques.

Overview of the Company:

iGeeks Bridging Technology is a prominent Software, e.g., digital agency, software development company] known for delivering high-quality web solutions. The company specializes in creating engaging and user-friendly websites and web applications for a wide range of clients. The internship program at iGeeks Bridging Technology is designed to provide hands-on experience in front-end web development, with a focus on modern web technologies and methodologies.

Tasks and Responsibilities:

During my internship, I was involved in various tasks and responsibilities, including:

- Web Page Development: Creating responsive and visually appealing web pages using HTML, CSS, and JavaScript.
- Framework Utilization: Implementing front-end frameworks like Bootstrap for layout design and React/Angular/Vue.js for dynamic content rendering.
- **UI/UX Collaboration:** Working closely with UI/UX designers to translate design mockups into functional web pages while ensuring a consistent user experience.
- Cross-Browser Compatibility: Ensuring that web pages function correctly across different browsers and devices.
- Version Control: Using Git for version control, including committing code, merging branches, and resolving conflicts.
- **Performance Optimization:** Optimizing web pages for speed and performance by minimizing code, compressing images, and leveraging browser caching.
- **Testing and Debugging:** Identifying and fixing bugs, testing web pages for usability, and ensuring compliance with web standards.

Skills Acquired:

Throughout the internship, I developed several technical and soft skills, including:

• Mastery of front-end development languages: HTML, CSS, and JavaScript.

Address :No: 19, MN Complex, 2nd Cross, Sampige Main Road, Malleswaram,560003 Bangalore, Karnataka.

- Proficiency in using front-end frameworks such as Bootstrap and React/Angular/Vue.js.
- Improved understanding of web design principles, including responsive design and accessibility.
- Experience in using development tools like Visual Studio Code, Git, and browser developer tools.
- Enhanced problem-solving skills through debugging and troubleshooting web pages.
- Strong collaboration and communication skills developed through working with designers and back-end developers.

Challenges Faced:

While the internship was highly educational, it also presented several challenges:

- **Complexity of Responsive Design:** Developing web pages that function seamlessly across all devices required careful planning and testing.
- Learning Curve with New Tools: Adapting to new tools and frameworks, particularly React/Angular/Vue.js, involved a significant learning curve.
- **Debugging:** Identifying and fixing cross-browser issues was time-consuming and required a deep understanding of browser rendering engines.

Achievements:

- Successfully developed and deployed.
- Received positive feedback from the mentor and team for my contributions to the project.
- Gained practical experience in applying modern web development practices and tools.

Conclusion:

My internship at iGeeks Bridging Technology was an enriching experience that allowed me to apply my academic knowledge in a professional setting. The hands-on experience in front-end web development has significantly enhanced my technical skills and provided me with a deeper understanding of the web development lifecycle. This internship has confirmed my passion for frontend development and has equipped me with the skills necessary to pursue a career in this field.

On

Authorized Signatory,





Date : 30.08.2024

TO WHOM IT MAY CONCERN

This is to certify that SRIDHAR P (Reg. No: C23PG155CSC009), a student of Don Bosco College, Dharmapuri, has successfully completed an internship in **BACK - END WEB DEVELOPMENT** with us from July 22nd, 2024 to August 24th, 2024.

We found him knowledgeable in programming with great interpersonal skills during his interactions with the project team as well as the HR team. He was duty-bound, punctual and hard working.

We also found him quite inquisitive on what he had to work and has performed well. His associations with us were fruitful and wish him Good Luck in all future endeavors.

Regards, For igeeks,

Authorized Signatory

Address :No: 19, MN Complex, 2nd Cross, Sampige Main Road, Malleswaram,560003 Bangalore, Karnataka. E-mail: info@igeekstechnologies.com



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

	N R
NAME	: TAMILSELVAN . R
REG.NO	· C23PG155C5C010
PROGRAMME	: M.SC., COMPUTER SCIENCE
DATE	: 29/07/2024, 30/08/2024
VENUE	: FRIENDZION TECHNOLOGIES, HOSOR

INCHARGE Mr. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA..M.Phil., B.Ed., Assistant Professor, PG & Research Department of Computer Science, ASSISTANT PROFESSOR Don Bosco College, Dharmapuri-636 809, DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.





INTERNSHIP REPORT

WEBSITE DEVELOPMENT

Introduction

The purpose of this internship report is to summarize the work and experience gained during my internship at FriendZion Technologies, where I was involved in the Website Development project. This internship provided me with valuable hands-on experience in the field of web development, enhancing my technical skills and understanding of industry practices.

At a reasonable price, we provide you with responsive websites. For many global and large Indian companies, we have built websites For our clients, our team has completed many projects and best designs that are customized to the individual business.

Friendzion feels privileged to state that we have proven results in satisfying our customer's requirements/demands.

Objectives of the Internship

The main objectives of my internship were:

- ✓ To apply theoretical knowledge of web development in a real-world setting.
- ✓ To gain proficiency in front-end and back-end web development technologies.
- ✓ To understand the workflow of a professional development team.
- ✓ To contribute to the development of a fully functional website from concept to deployment.
- ✓ To enhance problem-solving, collaboration, and communication skills.

Overview of the Project

During my internship, I worked on the Website Development project. Website, which was aimed at [brief description of the website's purpose, e.g., creating an e-commerce platform for small businesses]. The project involved the development of both front-end and back-end components to ensure a seamless user experience and efficient data management.

Project Goals

Front-End Development: Create an intuitive and responsive user interface using HTML, CSS, and JavaScript.

Back-End Development: Develop server-side logic and database management

Integration: Ensure smooth integration between the front-end and back-end components.

Testing: Perform rigorous testing to identify and fix bugs.

Deployment: Deploy the website on a live server and optimize it for performance and security.

Roles and Responsibilities

Front-End Development

Design: Worked on the layout and design of web pages using HTML5, CSS3, and Bootstrap.

Interactivity: Implemented interactive elements using JavaScript and jQuery.

Responsive Design: Ensured that the website was mobile-friendly and responsive across different devices and screen sizes.

Back-End Development

Database Management: Designed and managed databases using MySQL, ensuring data integrity and security.

Server-Side Logic: Developed server-side scripts using [mention languages/frameworks, e.g., PHP, Node.js] to handle user requests, process data, and manage sessions.

APIs: Integrated third-party APIs to extend the functionality of the website, such as payment gateways or social media logins.

Testing and Debugging

Testing: Conducted unit and integration tests to ensure the functionality of the website.

Bug Fixing: Identified and resolved bugs and issues that arose during development.

User Acceptance Testing (UAT): Assisted in UAT by gathering feedback from users and making necessary adjustments.

Deployment

Hosting: Deployed the website on a web server using [mention hosting service, e.g., AWS, Heroku].

Optimization: Implemented performance optimization techniques, including image compression and code minification.

Security: Applied security best practices to protect the website from vulnerabilities, such as SQL injection and cross-site scripting (XSS).

Challenges and Solutions

Challenge: Time Management

Solution: Prioritized tasks and followed a structured timeline to ensure all project milestones were met.

Challenge: Debugging Complex Issues

Solution: Collaborated with senior developers and used debugging tools to effectively identify and resolve issues.

Challenge: Learning New Technologies

Solution: Utilized online resources and company-provided training materials to quickly learn and apply new technologies required for the project.

Skills Acquired

Throughout the internship, I developed and enhanced the following skills:

Technical Skills: Proficiency in HTML5, CSS3, JavaScript, [mention any frameworks, e.g., React, Angular], PHP, MySQL, and API integration.

Problem-Solving: Enhanced ability to troubleshoot and resolve issues efficiently.

Collaboration: Improved teamwork and communication skills through collaboration with other developers and project managers.

Project Management: Gained experience in managing project timelines and deliverables.

Conclusion

My internship at Friendzion Technologies was an invaluable experience that allowed me to apply my academic knowledge in a real-world setting. I successfully contributed to the development of a fully functional website, which provided me with a deeper understanding of both the technical and collaborative aspects of web development. I am confident that the skills and experience gained during this internship will be highly beneficial in my future career endeavours.

Acknowledgments

I would like to express my gratitude to Mr.S.Leeokumarthe entire development team at Friendzion Technologies and my faculty advisors for their guidance, support, and encouragement throughout this internship.

Authorized Signatory,





Head office - Hosur

Friendzion Technologies,

74 / 19B2,GKD Nagar,

Basthi Road, Hosur,

TamilNadu-635109



Date : 31.08.2024

TO WHOM IT MAY CONCERN

This is to certify that TAMILSEVAN R (Reg. No: C23PG155CSC010), a student of Don Bosco College, Dharmapuri, successfully completed an internship in **WEBSITE DEVELOPMENT** with us from July 29th, 2024, to August 30th, 2024.

During his internship, he displayed strong programming knowledge and excellent interpersonal skills in his interactions with both the project and HR teams.

He was diligent, punctual, and hardworking, showing a genuine curiosity in his tasks and performing them well. His time with us was productive, and we wish him every success in his future endeavors.

Regards, For Friendzion Technologies,



Address : Head Office – Hosur : Friendzion Technologies, 74/19B2, GKD Nagar, Basthi Road, Hosur, Tamilnadu - 635109



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME	:	VETRIVEL·M
REG.NO	:	C23 PG1155 C& CO11
PROGRAMME	:	M.GC., COMPUTER BOI ENCE
DATE	:	2910712024, 3010812024
VENUE	:	IGEEKS BRIDGING TECHNOLOGY, BEINGALOR



INCHARGE M. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., Assistant Professor, G & Research Department of Computer Science, Don Bosco College, Dharmapuri-636 809. DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.





FRONT END WEB DEVELOPMENT

The main objectives of the internship were:

- To develop responsive and interactive web pages using HTML, CSS, and JavaScript.
- To gain proficiency in front-end frameworks and libraries such as Bootstrap, React, Angular, or Vue.js.
- To collaborate with back-end developers and UI/UX designers to create seamless user experiences.
- To learn and apply web development tools and version control systems like Git.
- To understand and implement web accessibility standards and performance optimization techniques.

Overview of the Company:

iGeeks Bridging Technology is a prominent Software, e.g., digital agency, software development company known for delivering high-quality web solutions. The company specializes in creating engaging and user-friendly websites and web applications for a wide range of clients. The internship program at iGeeks Bridging Technology is designed to provide hands-on experience in front-end web development, with a focus on modern web technologies and methodologies.

Tasks and Responsibilities:

During my internship, I was involved in various tasks and responsibilities, including:

- Web Page Development: Creating responsive and visually appealing web pages using HTML, CSS, and JavaScript.
- Framework Utilization: Implementing front-end frameworks like Bootstrap for layout design and React/Angular/Vue.js for dynamic content rendering.
- **UI/UX Collaboration:** Working closely with UI/UX designers to translate design mockups into functional web pages while ensuring a consistent user experience.
- Cross-Browser Compatibility: Ensuring that web pages function correctly across different browsers and devices.
- Version Control: Using Git for version control, including committing code, merging branches, and resolving conflicts.
- **Performance Optimization:** Optimizing web pages for speed and performance by minimizing code, compressing images, and leveraging browser caching.
- **Testing and Debugging:** Identifying and fixing bugs, testing web pages for usability, and ensuring compliance with web standards.

Skills Acquired:

Throughout the internship, I developed several technical and soft skills, including:

• Mastery of front-end development languages: HTML, CSS, and JavaScript.

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- Proficiency in using front-end frameworks such as Bootstrap and React/Angular/Vue.js.
- Improved understanding of web design principles, including responsive design and accessibility.
- Experience in using development tools like Visual Studio Code, Git, and browser developer tools.
- Enhanced problem-solving skills through debugging and troubleshooting web pages.
- Strong collaboration and communication skills developed through working with designers and back-end developers.

Challenges Faced:

While the internship was highly educational, it also presented several challenges:

- **Complexity of Responsive Design:** Developing web pages that function seamlessly across all devices required careful planning and testing.
- Learning Curve with New Tools: Adapting to new tools and frameworks, particularly React/Angular/Vue.js, involved a significant learning curve.
- **Debugging:** Identifying and fixing cross-browser issues was time-consuming and required a deep understanding of browser rendering engines.

Achievements:

- Successfully developed and deployed.
- Received positive feedback from the mentor and team for my contributions to the project.
- Gained practical experience in applying modern web development practices and tools.

Conclusion:

My internship at iGeeks Bridging Technology was an enriching experience that allowed me to apply my academic knowledge in a professional setting. The hands-on experience in front-end web development has significantly enhanced my technical skills and provided me with a deeper understanding of the web development lifecycle. This internship has confirmed my passion for frontend development and has equipped me with the skills necessary to pursue a career in this field.

Authorized Signatory,





Date : 31.08.2024

TO WHOM IT MAY CONCERN

This is to certify that VETRIVEL M (Reg. No: C23PG155CSC011), a student of Don Bosco College, Dharmapuri, has successfully completed an internship in **FRONT-END WEB DEVELOPMENT** with us from July 29th, 2024 to August 30th, 2024.

We found him knowledgeable in programming with great interpersonal skills during his interactions with the project team as well as the HR team. He was duty-bound, punctual and hard working.

We also found him quite inquisitive on what he had to work and has performed well. His associations with us were fruitful and wish him Good Luck in all future endeavors.

Regards, For igeeks,

Authorized Signatory



Address: No: 19, MN Complex, 2nd Cross, Sampige Main Road, Malleswaram, Bangalore, Karnataka-560003



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

	AAULADRATA K
NAME	: YUVAN SANKARRAJA . K
REG.NO	: C23PON155C5C012
PROGRAMME	: M.SC., COMPUTER SCIENCE
DATE	: 05/08/2024, 29/08/2024
VENUE	: BOSCO SOFT TECHNOLOGIES, YELAGIRE

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INCHARGE I. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., Assistant Professor, G & Research Department of Computer Science, Don Bosco College, Dharmapuri-636 809. DON BOSCO COLLEGE, DHARMAPURI. HEAD OF THE DEPARTMENT ASSISTANT PROFESSOR DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.



Mature

DON BOSCO COLLEGE ATHIYAMAN BYPASS ROAD, SOGATHUR POST, DHARMAPURI-636 809.

PERMISSION LETTER

From

Head of the Department, [Lomputer Science]

Don Bosco College,

Dharmapuri.

То

The Secretary / Rector Father,

Don Bosco College,

Dharmapuri.

Respected Father,

Our II M.Sc Computer Science students are planning to undertake a 30-day internship at Bosco Soft Technologies Pvt. Ltd, Yelagiri. This opportunity will be highly beneficial for them, providing valuable real-world IT experience. Kindly grant them permission for this study opportunity.

Thanking you Father,

Yours Sincerely,

DHAR

Date : 19.07.2024

Place : Dharmapuri.

VADAMALAI, MCA., M.PHILB.Ed., IEAD OF THE DEPARTMENT ASSISTANT PROFESSOR PARTICLE OF COLFUTER SCIENCE IN DOSCO COLLEGE, CHARMAPURI.



dbcdpics 2022 <dbcdpics2022@gmail.com>

DBC, Dharmapuri, Internship student name list

3 messages

dbcdpics 2022 <dbcdpics2022@gmail.com> To: hre@boscosofttech.com Mon, Jul 29, 2024 at 1:24 PM

Good afternoon sir,

Attached to this email is the list of internship students' names.

 Sangeetha V <hre@boscosofttech.com>
 Fri, Aug 2, 2024 at 3:26 PM

 To: uk <uk@boscosofttech.com>, Henrick <henrick@boscosofttech.com>, Bosco Soft Technologies Pvt Ltd

 <hr@boscosofttech.com>, Kutty N <qa@boscosofttech.com>

 Cc: John <supportfinance@boscosofttech.com>, Arockiaraj Leo M <finacc@boscosofttech.com>, Thirunavukarasu M

 <kalai@boscosofttech.com>, "Siva Prasanth A ." <sivaprasanth@dbcyelagiri.edu.in>

 Bcc: dbcdpics2022@gmail.com

Dear Sirs,

We have planned to take 5 internship trainees from Don Bosco, Dharmapuri.

Internship duration: 5th August to 31st August 2024. Technology: ReactJs Venue: Boscosoft (along with techtalk students)

@UK sir: please include 5 food counts for those days.

With regards, Sangeetha V

------ Forwarded message ------From: Sangeetha V <hre@boscosofttech.com> Date: Fri, 2 Aug 2024, 00:49 Subject: Fwd: DBC, Dharmapuri, Internship student name list To: Gregory Thaddeus <gt@boscosofttech.com>, Henrick <henrick@boscosofttech.com> Cc: Bosco Soft Technologies Pvt Ltd <hr@boscosofttech.com>

Dear Father,

The Head, department of MSc (CS) contacted us and requested for a 1 month (Aug 2024) internship in Boscosoft.

We are proposing to combine internship along with the TechTalk Reactjs in our office premises. (TechTalk - 8 & Internship - 5). And we plan to start the internship from 5th August to 31st August 2024 (21 days).

Course Plan for Internship Students:

Session Hours - 60 hours + Mini Project evaluation

Course Fee : Rs. 6000 (Hostel & Food - Rs.3000 additional).

Please provide your suggestions and approval on the same.

[Quoted text hidden]

Best Regards, Sangeetha V HR Executive Bosco Soft Technologies Pvt. Ltd https://www.boscosofttech.com Mobile: +91 6369110461



Mon, Aug 5, 2024 at 10:21 PM

dbcdpics 2022 <dbcdpics2022@gmail.com>

To: Sangeetha V <hre@boscosofttech.com> Cc: uk <uk@boscosofttech.com>, Henrick <henrick@boscosofttech.com>, Bosco Soft Technologies Pvt Ltd <hr@boscosofttech.com>, Kutty N <qa@boscosofttech.com>, John <supportfinance@boscosofttech.com>, Arockiaraj <hr@boscosofttech.com>, Kutty N <qa@boscosofttech.com>, John <supportfinance@boscosofttech.com>, Arockiaraj Leo M <finacc@boscosofttech.com>, Thirunavukarasu M <kalai@boscosofttech.com>, "Siva Prasanth A ." <sivaprasanth@dbcyelagiri.edu.in>

Received your mail. [Quoted text hidden]



Certificate OF PARTICIP

This is to certify that YUVANSANKAR RAJA K (Reg. No C23PG155CSC012) PG Dept. of Computer

ScienceDon Bosco College, Dharmapuri underwent one month of In Plant Training in the

resource centre of Bosco Soft Technologies Pvt. Ltd between August 05th and August 29th 2024

P. Antony HR Manager

Dr. S. Thaddeus SDB Director

BOSCO SOFT TECHNOLOGIES PRIVATE LIMITED

S.H.C Complex, Vaniyambadi Road, Tirupattur Dt - 635 601, Tamilnadu.



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PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

NAME : S. SALAMMAL

REG.NO : C23PGISSCSC

PROGRAMME : M.SC., COMPUTER SCINCE

DATE : 29/07/2024, 30/08/2024

VENUE : UNIQ TECHNOLOGIES, BENGALURU,

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INCHARGE HOD S. VADAMALAI, MCA., M.Phil., B.Ed., MI. P. NAMEURANDRAN, M.Sc., B.Ed., M.Phil., HEAD OF THE DEPARTMENT Assistant Professor, ASSISTANT PROFESSOR PG & Research Department of Computer Science, Department OF COMPUTER SCIENCE Don Bosco College, Dharmapuri-636 809, DEPARTMENT OF COMPUTER SCIENCE DON BOSCO COLLEGE, DHARMAPURI.







CONTENT OF THE COURSE (WEB DESIGNING)

Content outline for a Web Designing course:

DAY 1 : Introduction to Web Design

- Introduction to the Web
 - History of the Internet and the Web
 - Understanding websites and web applications
 - Basics of web design and its importance
- Web Design Principles
 - o Design principles (Balance, Contrast, Emphasis, Consistency, Unity)
 - Color theory and web-safe colors
 - Typography basics
 - Accessibility in web design
- Web Technologies Overview
 - o Overview of HTML, CSS, and JavaScript
 - o Introduction to front-end vs. back-end development

DAY 2 : HTML and CSS

- HTML Basics
 - Understanding HTML structure
 - HTML tags, elements, and attributes
 - Creating forms, tables, and lists
 - Embedding images, videos, and audio
- CSS Basics
 - Introduction to CSS
 - CSS selectors, properties, and values
 - Styling text, images, and backgrounds
 - Layout techniques (Box Model, Flexbox, Grid)
 - Responsive design with media queries

• Advanced HTML & CSS

- HTML5 semantic elements
- o CSS animations and transitions
- CSS pre-processors (SASS/LESS)
- o Introduction to Bootstrap or other CSS frameworks

DAY 3: JavaScript Basics

- Introduction to JavaScript
 - Understanding JavaScript syntax
 - Variables, data types, and operators
 - o Conditional statements and loops



o Functions and events

DOM Manipulation

- Understanding the Document Object Model (DOM)
- Selecting and manipulating DOM elements
- o Event handling
- o Creating interactive forms and validating user input

Introduction to jQuery (Optional)

- jQuery basics and syntax
- jQuery selectors and events
- jQuery animations and effects

DAY 4 : Web Graphics and Media

- Working with Images
 - Image formats for the web (JPEG, PNG, GIF, SVG)
 - Optimizing images for performance
 - Creating and using sprites

Web Graphics Tools

- Introduction to graphic design tools (Photoshop, Illustrator)
- Creating web banners, buttons, and icons
- Using CSS for graphical effects

• Multimedia Integration

- Embedding and controlling video and audio
- Introduction to HTML5 canvas
- Creating simple animations

DAY 5 : Responsive Web Design

- Understanding Responsive Design
 - o Importance of mobile-first design
 - Media queries and responsive breakpoints
 - Fluid grids and flexible images

• Frameworks for Responsive Design

- o Introduction to Bootstrap/Foundation
- Building responsive navigation menus
- Creating responsive forms and tables

• Cross-Browser Compatibility

- Testing and debugging across different browsers
- Using tools like BrowserStack
- Ensuring compatibility with older browsers

DAY 6 : Web Hosting and Domain



- Domain Names
 - Understanding domain names and DNS
 - Registering a domain name
 - Domain name management
- Web Hosting
 - Different types of hosting services
 - Setting up hosting environment (cPanel, FTP)
 - Uploading and managing website files
- Deploying a Website
 - Connecting domain and hosting
 - Deploying a website live
 - Basic SEO techniques for visibility

DAY 7 : Content Management Systems (CMS)

- Introduction to CMS
 - What is a Content Management System?
 - Overview of popular CMS platforms (WordPress, Joomla, Drupal)

• Building a Website with WordPress

- Setting up WordPress
- Installing themes and plugins
- Creating and managing content
- Customizing themes using HTML, CSS, and PHP

DAY 8 : Web Design Project

- Project Planning
 - Defining the scope of the project
 - Wireframing and prototyping
 - Creating a sitemap and content strategy
- Project Development
 - Applying design and development skills
 - Integrating multimedia and interactive elements
 - Testing and debugging
- Final Presentation and Review
 - Presenting the final project
 - Peer and instructor review
 - Incorporating feedback for improvement

DAY 9 : Advanced Topics (Optional)

• Web Performance Optimization

- Optimizing web assets (images, scripts, styles)
- Lazy loading and other performance techniques

Introduction to Web Security

- o Basic security concepts
- HTTPS and SSL certificates
- o Securing forms and user data

DAY 10 : Career and Portfolio Development

• Building a Portfolio

- Selecting projects for your portfolio
- Creating a personal portfolio website
- Career Paths in Web Design
 - Freelancing vs. working in an agency
 - Networking and finding clients
 - Resume building and job search strategies

DAY 11 : Mock Test

DAY 12 : Mock interview

DAY 13 : MCQ Test

DAY 14 : Mock Project Explanation

DAY 15 : Main Project Explanation

Conclusion:

As we conclude the internship course, it's essential to reflect on the skills and knowledge gained throughout this experience. This course has provided hands-on exposure to industry practices, allowing you to apply theoretical concepts in real-world scenarios. You've developed technical skills, problem-solving abilities, and a deeper understanding of your chosen field.

The experiences and challenges faced during this internship have not only strengthened your professional competencies but also enhanced your ability to work collaboratively and adapt to dynamic environments. These are critical qualities that will serve you well in your future career.

As you move forward, I encourage you to continue building on the foundation laid during this course. Take the insights and experiences you've gained here and use them to further your personal and professional growth. Remember, this is just the beginning of your journey, and the skills you've acquired will be valuable assets as you pursue your career goals.

Congratulations on completing the internship course, and best of luck in your future endeavors!

Authorized Signatory;







Date : 31.08.2024

TO WHOM IT MAY CONCERN

This is to certify that SALAMMAL S (Reg. No: C23PG155CSC013), a student of Don Bosco College, Dharmapuri, successfully completed an internship in **WEB DESIGNING** with us from July 29th, 2024 to August 30th, 2024. During his internship, she demonstrated strong programming knowledge and excellent interpersonal skills in his interactions with both the project and HR teams.

She was diligent, punctual, and hardworking, showing a keen interest in his tasks and performing them well. His time with us was productive, and we wish him the best of luck in all his future endeavors.

Regards, For unique technologies,





DON BOSCO COLLEGE

Accredited B++ Grade by NAAC with CGPA 2.92 Athiyaman Bypass Road, Sogathur Post, Dharmapuri 636 809 Phone : 94436 04446, 94436 04447 E-mail : dbc155@live.in Website : www.dbcdharmapuri.edu.in



PG DEPARTMENT OF COMPUTER SCIENCE

REPORT ON INTERNSHIP

ACADEMIC YEAR 2024-2025

- NAME : M. SOWMIYA
- REG.NO : C23Pa155CSCO14
- PROGRAMME : M.SC, COMPUTER SCIENCE
- DATE : 291712024, 30/8/2024
- VENUE : Uniq technologies, Bengaluru.

INCHARGE

HOD

Ir. P. RAMACHANDRAN, M.Sc., B.Ed., M.Phil., S. VADAMALAI, MCA., M.Phil., B.Ed., Assistant Professor, Basistant Pro







CONTENT OF THE COURSE (WEB DESIGNING)

Content outline for a Web Designing course:

DAY 1 : Introduction to Web Design

- Introduction to the Web
 - History of the Internet and the Web
 - Understanding websites and web applications
 - Basics of web design and its importance
- Web Design Principles
 - Design principles (Balance, Contrast, Emphasis, Consistency, Unity)
 - Color theory and web-safe colors
 - Typography basics
 - Accessibility in web design

Web Technologies Overview

- Overview of HTML, CSS, and JavaScript
- Introduction to front-end vs. back-end development

DAY 2: HTML and CSS

- HTML Basics
 - Understanding HTML structure
 - HTML tags, elements, and attributes
 - Creating forms, tables, and lists
 - Embedding images, videos, and audio
- CSS Basics
 - Introduction to CSS
 - CSS selectors, properties, and values
 - Styling text, images, and backgrounds
 - Layout techniques (Box Model, Flexbox, Grid)
 - Responsive design with media queries

• Advanced HTML & CSS

- HTML5 semantic elements
- CSS animations and transitions
- CSS pre-processors (SASS/LESS)
- Introduction to Bootstrap or other CSS frameworks

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Congratulations on completing the internship course, and best of luck in your future endeavors!



Date : 31.08.2024

TO WHOM IT MAY CONCERN

This is to certify that SOWMIYA M (Reg. No: C23PG155CSC014), a student of Don Bosco College, Dharmapuri, successfully completed an internship in **WEB DESIGNING** with us from July 29th, 2024 to August 30th, 2024. During his internship, she demonstrated strong programming knowledge and excellent interpersonal skills in his interactions with both the project and HR teams.

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Regards, For unique technologies,

