CHENNAI INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

Sarathy Nagar, Kundrathur, Chennai-600069

Approved by AICTE and Affiliated to Anna University, Chennai

INFORMATION TECHNOLOGY

FULLSTACK DEVELOPER INTERN

A Report on Internship

BY

Mithun M

23IT092

Information Technology

Nov-Dec 2024

CHENNAI INSTITUTE OF TECHNOLOGY
CHENNAI-69

VISION OF THE INSTITUTION:

To be an eminent centre for Academia, Industry and Research by imparting knowledge, relevant practices and inculcating human values to address global challenges through novelty and sustainability.

MISSION OF THE INSTITUTION:

IM1. To create next generation leaders by effective teaching learning methodologies and instill scientific spark in them to meet the global challenges.

IM2. To transform lives through deployment of emerging technology, novelty and sustainability.

IM3. To inculcate human values and ethical principles to cater to the societal needs.

IM4. To contribute towards the research ecosystem by providing a suitable, effective platform for interaction between industry, academia and R & D establishments.

IM5. To nurture incubation centers enabling structured entrepreneurship and start-ups.

Vision of the Department

To be an eminent centre for Academia, Industry and Research by imparting knowledge, relevant practices and inculcating human values to address global challenges through novelty and sustainability.

Mission of the Department

DM1: To nurture future leaders by adopting innovative teaching methodologies, inspiring a passion for emerging technologies, and equipping students to tackle global challenges effectively.

DM2: To empower students to develop sustainable solutions that enhance quality of life, transforming communities through innovation and technology.

DM3: To instill human values, ethical principles, and professionalism in students, preparing them to contribute meaningfully to society and uphold ethical standards in the industry

DM4: To strengthen the research ecosystem by promoting collaboration among academia, industry, and R&D establishments, enabling impactful research and technological progress.

DM5: To inspire entrepreneurship by fostering creativity, leadership, and problem-solving skills, enabling students to develop impactful solutions and successful start-ups.

CHENNAI INSTITUTE OF TECHNOLOGY

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CHENNAI-69

CERTIFICATE

This is to certify that the "**Internship Report**" Submitted by **MITHUN M (REG NO: 23IT092)** is the work done by him/her and submitted during the academic year **2024-2025**, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **INFORMATION TECHNOLOGY**, at **SHIASH INFO SOLUTIONS PRIVATE LIMITED.**

Submitted for the End Semester Examination for Internship Held on ……………

Dr. A. R. KAVITHA, M.E., Ph.D.,   **Department Internship**
Head of the Department   **Coordinator**

Internal Examiner   **External Examiner**
Date: - …………….   **Date: -………..…...**

4

Internship Review Evaluation/Comments

Sl No.	Criterion	Max. Marks	Marks Allotted
1.	Regularity in maintenance of the diary.	10	
2.	Adequacy & quality of information recorded	10	
3.	Drawings, sketches and data recorded	10	
4.	Thought process and recording techniques used	05	
5.	Organization of the Information	05	
6.	Originality of the Internship Report	10	
7.	Adequacy and purposeful write-up of the Internship Report	10	
8.	Organization, format, drawings, sketches, style, language etc. of the Internship Report	10	
9.	Practical applications, relationships with basic theory and concepts	10	
10.	Presentation Skills	20	
	Total	100	
Date:			Signature

Shiash
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08th November 2024

Mr. Mithun M

Reg. No. 23IT092

Chennai Institute of Technology

Kundrathur.

Dear Mithun,

On behalf of **Shiash Info Solutions Private Limited**.We would like to inform you that you have been accepted as one of our interns.We are pleased to inform you that you have been qualified as per the company requirements for the internship.

Your internship will begin effectively from **November 2024 to January 2025.** You will be assigned to various tasks which relate to the project assigned to you after which your performance will be assessed.

For **Shiash Info Solutions Private Limited**

Ashwini Kanniyappan

Manager – Human Resources

Shiash Info Solutions Private Limited

#51, Level 3, Tower C, Rattha TEK Meadows, Old Mahabalipuram Road,

Sholinganallur, Chennai – 600 119, Tamil Nadu, India

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ACKNOWLEDGEMENT

First, I would like to thank **Mrs. Ashwini Kanniyappan, Human Resources Manager** of **Shiash Info Solutions Private Limited Chennai** for giving me the opportunity to do an internship within the organization.

I also would like, all the people who worked with me with their patience and openness they created an enjoyable learning environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to our Chairman **Shri. P. SRIRAM** and Principal **Dr. A. RAMESH, M.E., Ph.D.**, for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department **Dr. A. R. KAVITHA, M.E., Ph.D.**, for his constructive criticism throughout my internship.

I am extremely great full to my department staff members and friends who helped me in successful completion of this internship.

MITHUN M
23IT092

PREFACE

I student of Information Technology require to do an Industrial Internship to enhance my knowledge. The purpose of Industrial Internship is to acquaint the students with practical application of theoretical concept taught to me during my internship period.

It was a great opportunity to have close comparison of theoretical concept in practical field. This report may depict deficiencies on my part but still it is an account of my effort.

The output of my analysis is summarised in a shape of Industrial Internship the content of report shows the details of sequence of these. This is my Industrial Internship report which I have prepared for the sake of my **Second year** Industrial Internship. Being an engineer, I should help the society for inventing something new by utilising my knowledge which can help them to solve their problem so for this I am working in **Shiash Info Solutions Private Limited**.

CONTENT

1. INTRODUCTION

1.1 Internship Overview

During the winter of 2024, I had the opportunity to intern at Shiash Info Solutions Private Limited, a cutting-edge organization specializing in advanced data solutions and innovative technologies. My internship spanned from November 2024 to January 2025, during which I had the chance to work on several key projects within the company's Research and Development division. This internship was conducted Hybrid at the company's Co-working space, providing me with a wonderful experience to collaborate directly with a diverse team.

1.2 Purpose and Goals

The primary aim of my internship was to gain hands-on experience in areas such as User Interface (UI) development, API integration, Data Science, and the development of Fullstack projects. I was assigned tasks that were crucial to enhancing Reverence Data Company's product offerings. Additionally, I had the opportunity to learn and work with Snowflake, a powerful data warehousing solution, further expanding my technical skill set.

1.3 Responsibilities

Throughout the internship, my responsibilities included:
- Developing and refining user interfaces to ensure a seamless user experience.
- Enhancing and testing API integrations to improve system interoperability.
- Contributing to data science initiatives by analysing data and developing models.
- Working with large language models (LLMs) to advance the company's AI capabilities.
- Learning and utilizing Snowflake for efficient data management and analysis.

These tasks provided a comprehensive learning experience, allowing me to apply theoretical knowledge to real-world scenarios and develop practical skills in various technological domains.

1.4 Professional Development

The internship was designed to foster professional growth by encouraging active participation in all scheduled meetings and training sessions held at the company's premises. It emphasized the importance of adhering to high standards of quality and professionalism. The experience was further enriched by a performance-based stipend, which motivated me to meet predetermined performance criteria and deliver high-quality work.

1.5 Confidentiality and Ethical Standards

A significant aspect of my internship was understanding and adhering to confidentiality agreements and ethical standards. As outlined in the Non-Disclosure Agreement (NDA) and the Internship Agreement, maintaining the confidentiality of all proprietary information and demonstrating professional integrity were paramount. This not only ensured the protection of Reverence Data's intellectual property but also ingrained in me the importance of ethical behaviour in a professional setting.

1.6 Conclusion

Overall, my internship at Shiash Info Solutions was a transformative experience that bridged the gap between academic learning and professional application. It provided valuable insights into the practical aspects of UI development, API integration and Fullstack projects enriching my technical knowledge and professional skills. This report details my journey, the projects undertaken, and the knowledge gained during this enriching period.

2 ORGANIZATION INFORMATION

2.5 *Shiash Info Solutions Overview*

Shiash Info Solutions is an IT services and solutions company based in Chennai, India, specializing in customized software development, web application development, mobile application development, and IT consulting. The company offers a wide range of services, including IT outsourcing, recruitment process outsourcing, cloud computing, enterprise applications, product engineering, and web development. Their mission is to deliver high-quality, timely, and cost-effective solutions tailored to address clients' business challenges.

2.6 *About the Company*

Shiash Info Solutions envisions being one of the top five software services companies in the communications industry.Headquartered at Level 3, Tower C, TEK Meadows, Elcot SEZ in Sholinganallur, Chennai, the company serves various industries such as healthcare, manufacturing, hospitality, and construction. With over a decade of experience, Shiash adopts a client-centric approach, ensuring its solutions meet specific business needs. They emphasize creativity and innovation in their projects while providing comprehensive and efficient software services.

3 INTERNSHIP DESCRIPTION :

3.5 Fullstack Developer Intern

As a Fullstack Developer Intern at Shiash Info Solutions, I had the opportunity to contribute to several innovative projects within the Research and Development division. My key responsibilities and contributions included a variety of technical and collaborative tasks, which are detailed below.

3.2 Application Development and Management

- **Front-End Development**: I used **HTML**, **CSS**, **JavaScript** to create visually appealing and responsive interfaces. For the memory card game, I designed an interactive dashboard with animations and dynamic elements that enhanced user engagement. My portfolio emphasized clean design and easy navigation, showcasing my professional achievements effectively.
- **Back-End Development**: I developed server-side logic using **Node.js** to handle data flow, manage user authentication, and store quiz results. The back-end ensured secure handling of user data and supported features like scoreboards and leaderboards.
- **State Management**: I implemented **React State Management** to handle quiz data, user input, and game logic dynamically, ensuring a seamless user experience.
- **Deployment**: Both the quiz game and my portfolio were deployed using **Netify**, ensuring high availability and performance. I also optimized the deployment process for speed and reliability.

3.3 API Development and Enhancements

A significant aspect of the internship involved developing and enhancing APIs to power the quiz game's features and my portfolio. My responsibilities included:

- **Building API Endpoints**: I created RESTful API endpoints for the quiz application to fetch questions, submit answers, and retrieve scores. These endpoints were optimized for quick response times.
- **Integrating Third-Party APIs**: I added APIs like **Google Analytics** to track user engagement in the quiz game and portfolio, gaining insights into user interactions.
- **Error Handling and Debugging**: I implemented robust error-handling mechanisms for the APIs to manage edge cases like invalid data or network interruptions, ensuring a smooth user experience.

3.4 Confidentiality and Ethical Standards

A significant aspect of my internship was understanding and adhering to confidentiality agreements and ethical standards. As outlined in the Non-Disclosure Agreement (NDA) and the Internship Agreement, maintaining the confidentiality of all proprietary information and demonstrating professional integrity were paramount. This not only ensured the protection of Reverence

Data's intellectual property but also ingrained in me the importance of ethical behaviour in a professional setting.

3.5 Conclusion

This internship gave me the opportunity to apply my skills to real-world projects while improving my technical expertise. The quiz game demonstrated my ability to build engaging, full-stack applications, while the personal portfolio allowed me to showcase my skills professionally. These experiences provided valuable insights into project development, deployment, and maintenance, preparing me for future challenges in full stack development.

For more information about the features and projects at Shiash Info Solutions, please visit their https://shiash.com/

4 TOOLS LEARNED

Html

HTML (HyperText Markup Language) is the cornerstone technology for structuring and presenting content on the web. It serves as the backbone of web development, enabling developers to define the layout and structure of web pages. Through its versatile tags and attributes, HTML allows the seamless integration of text, images, multimedia, hyperlinks, and forms, creating an interactive and engaging user experience. Modern HTML incorporates semantic elements have been enhancing accessibility and improving search engine optimization by providing meaningful context to content.

CSS

CSS (Cascading Style Sheets) is a fundamental technology used to control the visual presentation of web content, enabling developers to design aesthetically appealing and user-friendly interfaces. It allows for precise styling of HTML elements, including layout, colors, typography, and spacing, by separating the structure of a webpage from its design. CSS supports responsive design techniques, ensuring optimal display across various devices and screen sizes through features like media queries and flexible grid systems.

Javascript

JavaScript is a powerful, high-level programming language essential for creating dynamic and interactive web applications. As a client-side scripting language, it enables developers to build responsive interfaces that can update in real-time without requiring a page reload, enhancing the user experience. JavaScript integrates seamlessly with HTML and CSS to add interactivity, such as handling user inputs, manipulating DOM elements, and performing asynchronous operations like data fetching.

Node.js

Node.js is an open-source, server-side JavaScript runtime environment built on Chrome's V8 engine, enabling developers to use JavaScript for back-end development. It is designed for building fast, scalable, and high-performance applications, particularly for handling a large number of concurrent connections with minimal overhead. Node.js leverages an event-driven, non-blocking I/O model, making it ideal for real-time applications like chat systems, online gaming, and live-streaming platforms.

React

React is a powerful JavaScript library used for building user interfaces, particularly for single-page applications. It follows a component-based architecture, enabling developers to create reusable and modular UI components. React leverages a virtual DOM for optimized performance and uses JSX (JavaScript XML) to make coding user interfaces more intuitive and efficient.

Express

Express.js is a minimal and flexible web application framework for **Node.js**. It is widely used to build server-side applications and APIs. Express simplifies the development process by providing robust features for handling routing, middleware, and HTTP requests.

Socket.io

Socket.IO is a JavaScript library that enables **real-time, bidirectional** Communication between the client and the server. Built on WebSockets, it provides additional features such as automatic reconnection, event-based communication , and support for fallback mechanisms, ensuring robust real- time applications.

5.BENEFITS OF TECHNOLOGY

- **Efficiency and Scalability**

- **Modular Development**: The component-based architecture of React.js and reusable Node.js modules improved development speed and maintainability.

- **Scalable Back-End**: Node.js's non-blocking I/O model and flexible schema design supported seamless scaling for increased data loads and user demands.

- **Dynamic User Experience**

- **Interactive Interfaces**: JavaScript and React.js enabled the creation of highly interactive and responsive user interfaces for both the quiz game and personal portfolio.

- **Real-Time Updates**: Integration with APIs allowed dynamic updates, such as real-time quiz results and leaderboard functionality.

- **Robust Deployment and Accessibility**

- **Cloud Hosting**: Deployment on the netify platform ensured high availability, scalability, and efficient resource utilization for hosting the applications.

- **Cross-Platform Compatibility**: Technologies like HTML, CSS, and JavaScript ensured smooth functionality across various devices and browsers.

- **Development and Collaboration**

- **Version Control**: Git and GitHub streamlined team collaboration and code management, ensuring version consistency and easy rollbacks when required.

- **Automation**: Automated pipelines for testing and deployment reduced manual intervention and improved efficiency.

- **Cost Efficiency**

- **Open-Source Ecosystem**: Leveraging free and open-source tools like Node.js and React.js minimized development costs.

5 WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

	Date	Day	Work done
1st Week	05-11-24	Sunday	*INTERVIEW PROCESS*
	06-11-24	Monday	Interview Selection Mail
	07-11-24	Tuesday	Introduction to the Company
	08-11-24	Wednesday	Getting used to the Tools used in the Company
	09-11-24	Thursday	Meeting with the Lead Architect and Onboarding to the Project
	10-11-24	Friday	Assigned Tasks and responsibilities
	11-11-24	Saturday	Initial Deployment and setting up the Repositories

	Date	Day	Work done
2nd Week	12-11-24	Sunday	Analysed and learned the Project's code structure and getting into the project
	13-11-24	Monday	Designed the Page and components in the Figma (UI)
	14-11-24	Tuesday	Designed the Page and components in the Figma (UI)
	15-11-24	Wednesday	Designed the Page and components in the Figma (UI – Made Refinements on review with the Lead Architect)
	16-11-24	Thursday	Getting into the Codebase and the project. Implemented React framework for Frontend Development
	17-11-24	Friday	Getting into the Codebase and the project. Implemented express for backend Development
	18-11-24	Saturday	Understanding the project requirements and started to Create components and work on the codebase

	Date	Day	Work done
3rd Week	19-11-24	Sunday	Understanding the project requirements and started to Create components and work on the codebase
	20-11-24	Monday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	21-11-24	Tuesday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	22-11-24	Wednesday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	23-11-24	Thursday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	24-11-24	Friday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	25-11-24	Saturday	Had Review with the Technical Lead for improvised Design of static Frontend Website

	Date	Day	Work done
4th Week	26-11-24	Sunday	*--WEEK OFF--*
	27-11-24	Monday	*--WEEK OFF--*
	28-11-24	Tuesday	Started to step in the Backend codebase and established functions for the Backend and frontend routing
	29-11-24	Wednesday	Working in the Backend codebase and established functions for the Backend and frontend routing
	30-11-24	Thursday	Written the SQL Queries for the required data to be fetched from the Database with the Backend to frontend
	01-12-24	Friday	Written the SQL Queries for the required data to be fetched from the Database with the Backend to frontend
	02-12-24	Saturday	Written API endpoints along with the SQL queries to get implemented in the backend written functions

	Date	Day	Work done
5th Week	03-12-24	Sunday	Written API endpoints along with the MongoDB to get implemented in the backend written functions
	04-12-24	Monday	Written API endpoints along with the MongoDB to get implemented in the backend written functions
	05-12-24	Tuesday	Had review for the Work done and improvised the codebase based on the suggestion and refinements given by the Chief Technical lead
	06-12-24	Wednesday	Tried to fetch the Backend data to the frontend
	07-12-24	Thursday	Tried to fetch the Backend data to the frontend
	08-12-24	Friday	Had review for the Work done and improvised the codebase based on the suggestion and refinements given by the Chief Technical lead
	09-12-24	Saturday	*--WEEK OFF--*

	Date	Day	Work done
6th Week	10-12-24	Sunday	Created Jira Sprint and structured the work. Project tracking and sub-tasks were created.
	11-12-24	Monday	Had a meeting with Project Analyst and the Chief Executive Officer
	12-12-24	Tuesday	Designed the Page and components in the Figma (UI)
	13-12-24	Wednesday	Designed the Page and components in the Figma (UI)
	14-12-24	Thursday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.
	15-12-24	Friday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.

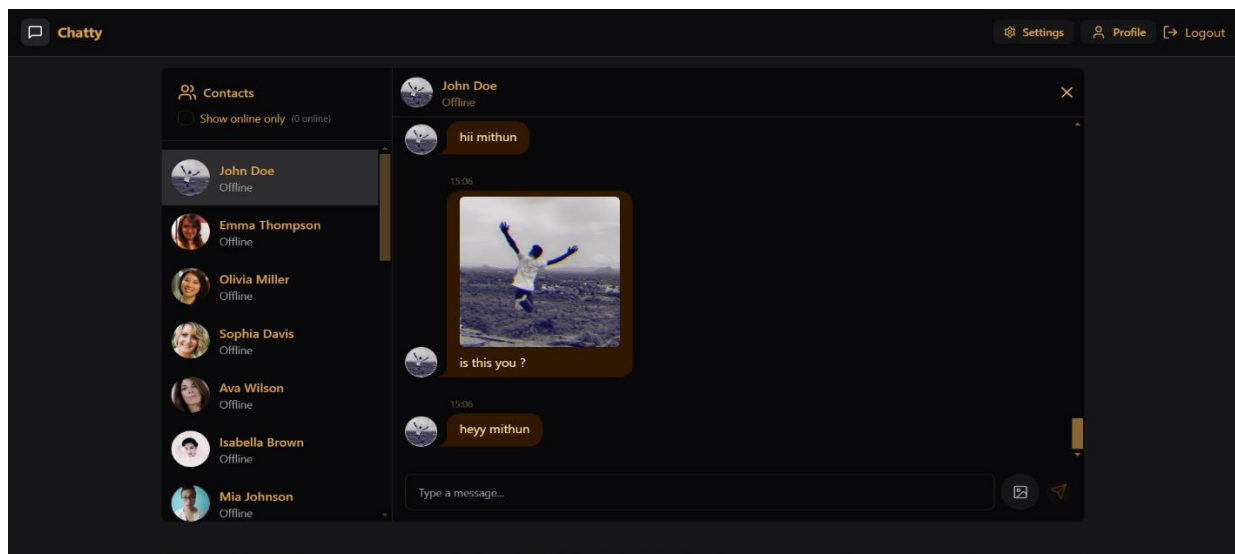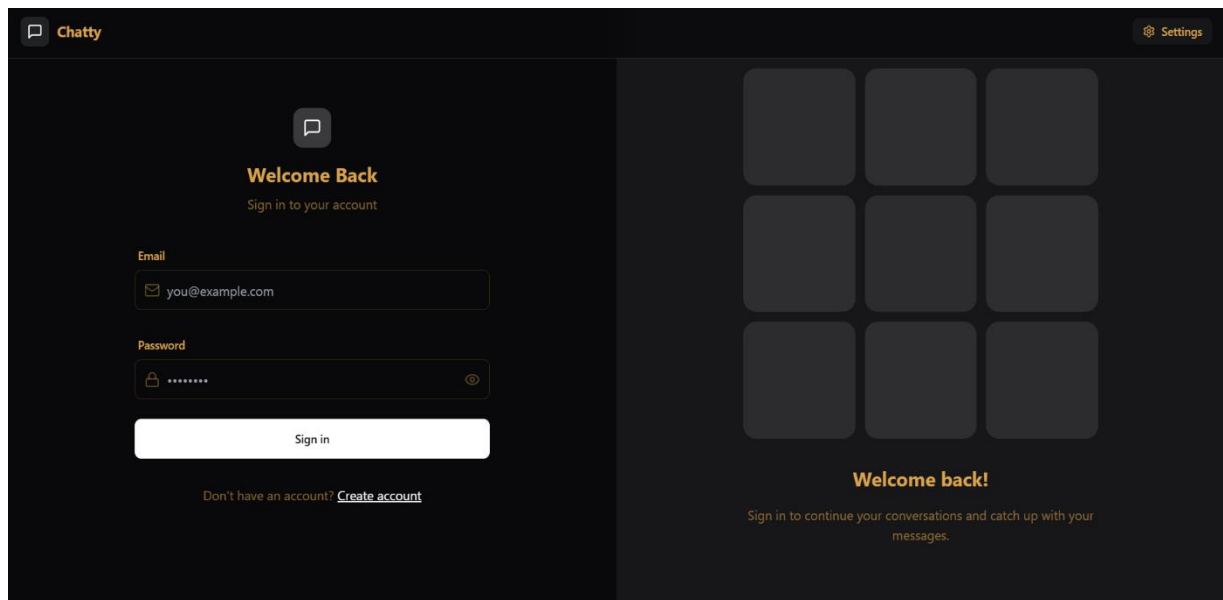|	Date	Day	Work done
	16-12-24	Saturday	Working in the Codebase. Implementing the UI design into the Website (Frontend) React.

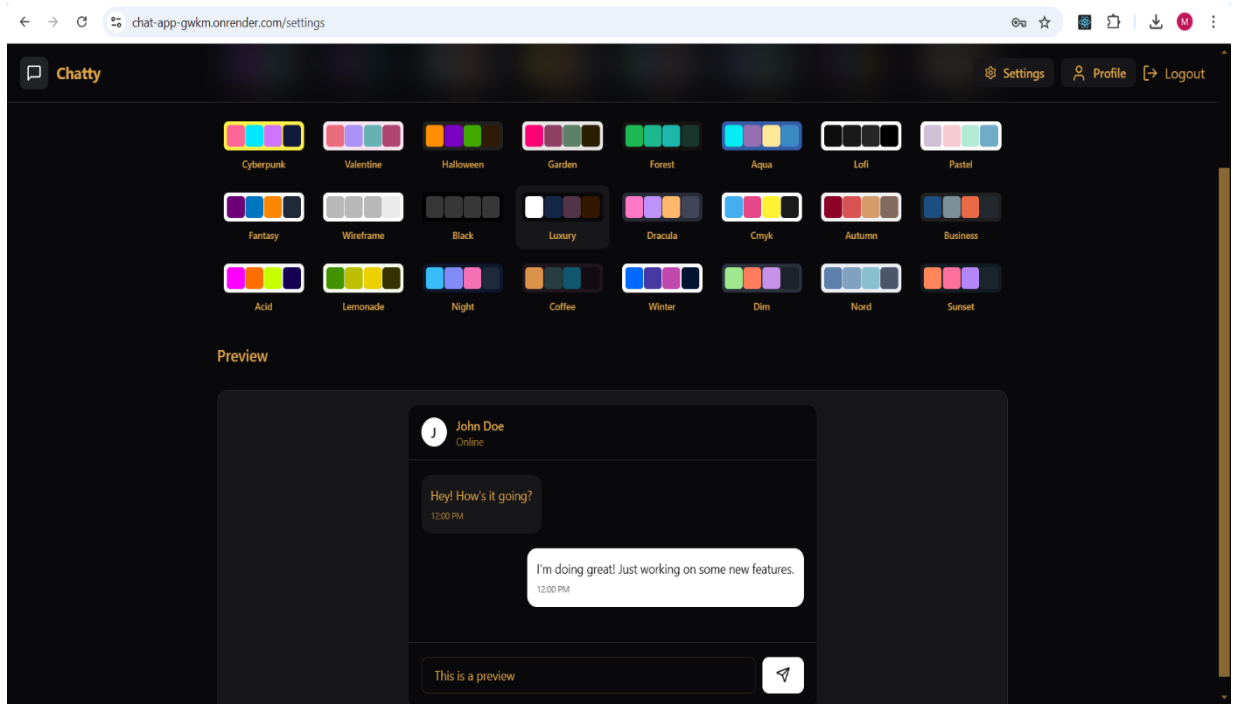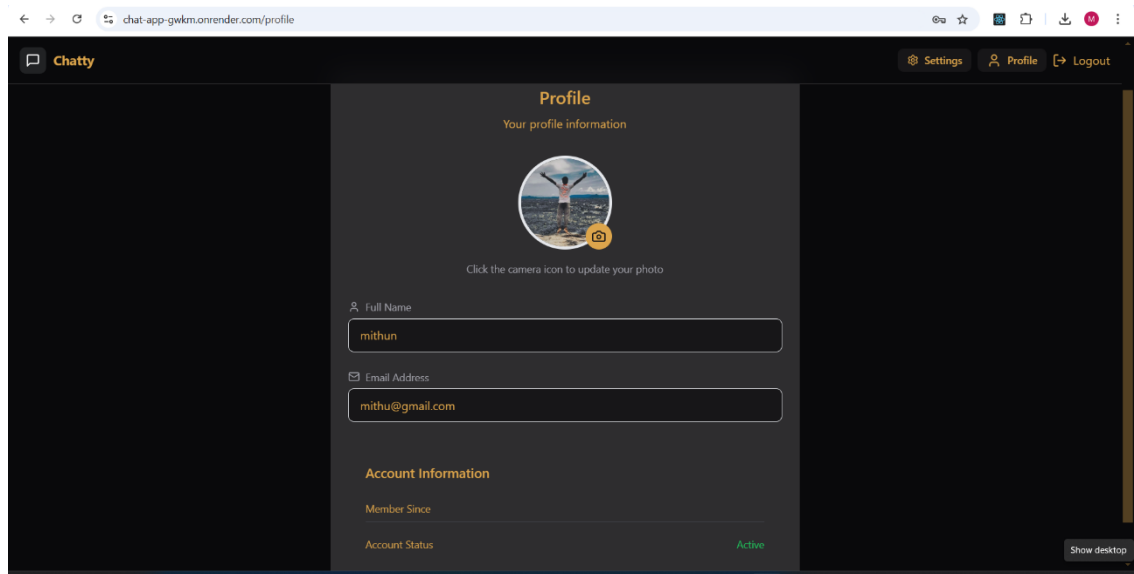|	Date	Day	Work done
7th Week	17-12-24	Sunday	Step in the Backend codebase and established functions for the Backend and frontend routing
	18-12-24	Monday	Working in the Backend codebase and written functions for the Backend and frontend routing
	19-12-24	Tuesday	Written the MongoDB for the required data to be fetched from the Database with the Backend to frontend
	20-12-24	Wednesday	Written the MongoDB for the required data to be fetched from the Database with the Backend to frontend
	21-12-24	Thursday	Written API endpoints along with the MongoDB to get implemented in the backend written functions
	22-12-24	Friday	Written API endpoints along with the MongoDB to get implemented in the backend written functions
	23-12-24	Saturday	Written API endpoints along with the MongoDB to get implemented in the backend written functions

	Date	Day	Work done
8th Week	24-12-24	Sunday	*--WEEK OFF--*
	25-12-24	Monday	Working in the Backend codebase and written functions for the Backend and frontend routing
	26-12-24	Tuesday	Working in the Backend codebase and written functions for the Backend
	27-12-24	Wednesday	Working in the Backend codebase and written functions for the Backend
	28-12-24	Thursday	Working in the Backend codebase and written functions for the Backend
	29-12-24	Friday	Working in the Backend codebase and written functions for the Backend
	30-12-24	Saturday	*--WEEK OFF--*

	Date	Day	Work done
9th Week	31-12-24	Sunday	Integrated the Backend and Populated the data along with the UI refinements. The Data is fetched from the MongoDB written at the Backend
	01-01-25	Monday	*--WEEK OFF--*
	02-01-25	Tuesday	Created the Data Objects for the Materialistic views necessary.

6 PROJECT PHOTOS

1.Realtime Chat App

PO & PSO Attainment

PO. No	Graduate Attribute	Attained	Justification
PO 1	**Engineering knowledge**	Yes	The Engineering Knowledge has been successfully gained.
PO 2	**Problem analysis**	Yes	Analysis is done on current problem or opportunity
PO 3	**Design/Development of solutions**	Yes	A Website was developed based on the given problem and source
PO 4	**Conduct investigations of complex problems**	Yes	Investigations were done on the problems options that people wanted.
PO 5	**Modern Tool usage**	Yes	Snowflake, Angular, Typescript etc. are some of the modern technologies used.
PO 6	**The Engineer and society**	Yes	The solution is made to help the society.
PO 7	**Environment and Sustainability**	Yes	This could include using ecofriendly packaging, optimizing delivery routes for fuel efficiency, or sourcing ingredients from sustainable suppliers

PO. No	Graduate Attribute	Attained	Justification
PO 8	**Ethics**	Yes	This could involve ensuring fair labour practices, treating customers and employees with respect, and promoting transparency in your business operations.
PO 9	**Individual and team work**	Yes	This could involve individual contributions to the codebase, collaboration with others during the development process, and effective communication within the team.
PO 10	**Communication**	Yes	This could involve clear and concise user interfaces, effective error handling, and timely notifications to users regarding their orders or any updates
PO. No	**Graduate Attribute**	**Attained**	**Justification**
PO 11	**Project management and finance**	Yes	This could include features such as order tracking, payment processing, and managing the overall project timeline and budget.
PO 12	**Life-long learning**	Yes	This could involve keeping up with the latest technologies and best practices in software development, incorporating user feedback to improve the app, and striving for personal and professional growth.

PSO. No	Graduate Attribute	Attained	Justification

PSO 1	To analyze, design and develop solutions by applying the concepts of Robotics for societal and industrial needs.	No 25	Application of concepts of robotics are not yet given.
PSO 2	To create innovative ideas and solutions for real time problems in Manufacturing sector by adapting the automation tools and technologies.	No	Innovative ideas and solutions for real time problems in Manufacturing sector by adapting the automation tools and technologies are not done.

7 INTERNSHIP OUTCOME

My internship at Shiash Info Solutions offered a comprehensive and enriching experience that significantly enhanced my technical expertise, professional development, and industry insights. The projects I undertook, such as the development of a quiz game and a personal portfolio, provided practical exposure to various aspects of full-stack development and modern web technologies.

8.1 Technical Skills Development

Working on these projects allowed me to refine my skills in several critical areas:
- **Front-End Development**: Built responsive and interactive user interfaces using HTML, CSS, JavaScript, and React.js, ensuring an engaging user experience.
- **Back-End Development**: Developed and managed server-side logic with Node.js, focusing on building scalable and efficient APIs for seamless data exchange.
- **Deployment and Hosting**: Acquired hands-on experience deploying applications on cloud platform, focusing on reliability, scalability, and cost-efficiency.
- **Version Control**: Strengthened my knowledge of Git and GitHub for effective collaboration and version management.

8.2 Professional Growth

The structured environment of the internship fostered my professional development:
- **Teamwork and Communication**: Collaborated with a dynamic team, enhancing my ability to work in a group and communicate effectively to achieve project objectives.
- **Problem-Solving**: Tackled various technical challenges during development, which sharpened my problem-solving and debugging skills.
- **Time Management**: Balanced multiple tasks and met deadlines, improving my project management and organizational abilities.

8.3 Industry Knowledge

The internship provided valuable exposure to the web development industry:
- **Best Practices**: Learned and applied industry standards in full-stack development, including clean coding practices and scalable architecture design.
- **Emerging Technologies**: Gained insights into modern tools and frameworks such as React.js, Node.js, and cloud platforms, keeping me updated with industry trends.

8.4 Key Achievements

- **Feature-Rich Applications**: Successfully developed a quiz game and personal portfolio, showcasing advanced functionality and responsive design.
- **Optimized Development Workflow**: Utilized tools like GitHub for streamlined collaboration and version control, ensuring efficient project delivery.

9.CONCLUSION

My internship at Shiash Info Solutions has been an invaluable learning journey that significantly enhanced my technical expertise and personal development. Through hands-on experience in projects like the quiz game and personal portfolio, I gained practical knowledge in full-stack development, including front-end and back-end technologies, database management, and cloud deployment. This opportunity allowed me to bridge the gap between theoretical learning and real-world application, refining my technical proficiency and problem-solving abilities.

Working in a collaborative and dynamic environment exposed me to industry best practices and cutting-edge tools, while the mentorship and support from my team helped me overcome challenges and achieve project goals. The experience also strengthened my professional skills, such as communication, teamwork, and time management, preparing me for future roles in the tech industry.

The professional skills I acquired, including effective communication, teamwork, and project management, have prepared me for future roles in the tech industry. Additionally, this internship reinforced the importance of data governance, quality assurance, and the value of data-driven decision-making in modern businesses.

In conclusion, my time at Shiash Info Solutions has been transformative, equipping me with the confidence and expertise to excel in the field of full-stack development. The skills and experiences gained during this internship will serve as a solid foundation for my future career endeavors in software development .

INTERNSHIP COMPLETION CERTIFICATE

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04th January 2025

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Mr. Mithun M (Reg. No. 23IT092)** Student of **B.Tech., (Information Technology) Chennai Institute of Technology, Chennai** has successfully completed the Internship **full stack web development** from **November 2024 to January 2025** in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish his every success in life and career.

For **Shiash Info Solutions Private Limited**

Ashwini Kanniyappan

Manager – Human Resources

Shiash Info Solutions Private Limited
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