Savitribai Phule Pune University

A
Internship Report
on

"Full Stack Development at Caygnus Tech Pvt Ltd"

Submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF ENGINEERING IN
COMPUTER ENGINEERING
[T.E.Computer Engineering]

By

Srushti Kshirsagar

At

SANDIP
FOUNDATION

Department of Computer Engineering
SANDIP FOUNDATION'S
SANDIP INSTITUTE OF ENGINEERING & MANAGEMENT
Mahiravani, Trimbak Road Nashik – 422213.
Academic Year 2024 - 2025

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Mahiravani, Trimbak Road Nashik - 422213.

Department of Computer Engineering

Certificate

This is to certify that, the Internship report **"Internship on : "Full Stack Development "** submitted by **Srushti Kshirsagar** for partial fulfillment of the requirement for the award of the **Bachelor Of Engineering** in **COMPUTER ENGINEERING** at **Sandip Institute of Engineering Management,Nashik** as laid down by the **Savitribai Phule Pune University**. This is a record of the work carried out under my supervision and guidance during academic year 2024 - 2025.

Place: - Nashik.
Date: - / / 2025

Prof. V. V. Mahale
Internal Guide
Dept. Of Computer Engg.

Prof. Dr. K. C. Nalavade
HOD
Dept. Of Computer Engg.

Prof.Dr. D. P. Patil
Principal
Sandip Institute of Engineering and Management,Nashik

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Student name: Srushti Kshirsagar
Roll No.:-17

Internship Completion Certificate

Attach the certificate here

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Chapter 1
INTRODUCTION

1.1 Full Stack Development

Full-stack web development is a subset of web development that encompasses all of the responsibilities involved in creating websites for intranet or internet hosting.It helps to find out a perfect solution for all the front-end, testing, mobile application back-end, etc. full-stack developer work on all this, and also it will take care of the entire procedure of a project. Web development, which generally refers to the activities involved in creating websites for intranet or internet hosting, includes full stack development. It involves the creation of an entire application, including the client-side (front end) and server-side (back end). The field of full stack development and how it has impacted development have undergone significant changes since the advent of cloud computing. A software system or web development layer that includes both the front-end and back-end components of an associated application is called a full stack. The front-end of your program is what users can see and interact with. What users cannot see, such as the database, server, and logic of an application, is known as the back-end. The front-end and back-end technologies that create a website or application function well, and a full-stack web developer is at ease using both.

1.2 Components of Web Development

Web development can be divided into three layers:
1.Frontend Development- This is the part of the website that users interact with directly. It is built using HTML, CSS, and JavaScript. Frontend frameworks and libraries like React, Angular, and Vue.js have become popular for creating sophisticated user interfaces.[1]
2.Backend Development- This involves the server-side of web applications, where business logic, database interactions, and user authentication are handled. Back-end Development refers to server-side development.It is the term used for the behind-the-scenes activities that occur when performing any action on a website. React.JS: There are so many JavaScript frameworks but we consider here only React.JS because it is easy to use than other frameworks like Angular.JS, Vue.js, etc. React.JS is managed

by and developed by Facebook Community.[2]

1.3 Key Technologies

1.HTML and CSS

The skeleton and skin of web pages. HTML structures the content, while CSS styles it.

2.JavaScript

The scripting language that brings interactivity to web pages. Its ecosystem includes numerous frameworks and libraries.

3.Version control systems

Git is essential for managing changes to the project codebase, allowing multiple developers to work together smoothly.

4.APIs

Application Programming Interfaces allow different software components to communicate.

5.Responsive Design

Techniques that ensure websites work well on various devices,adjusting layout based on screen size.

1.4 Front-end Development

The process of implementing design on the web is called front-end development. A website's pages are the culmination of its structure, data, design, content, and functionality. To put it another way, the front-end is the area of a website where users can view and interact with the command line and graphical user interface (GUI), which includes the layout, menus, text, images, videos, and more.[2].
The two most important types of front-end designs:

-User Experience (UX)

-User Interface (UI)

Although they appear to be the same, these things are distinct as we get to know them. An example of good UI but poor UX would be things like graphic components, animations, images, videos, etc. that appear beautiful on the website but are hard to make, and vice versa; a well-designed website should have an intuitive user experience that doesn't require the user to think too much. From the programmer's perspective front-end or the part that users see when they visit the website is mainly about the design and to make to look it good somehow. The above elements UX, UI are taken in consideration in developing web programs or web pages, apps or applications for iOS or Android, Windows or MacOS.

- HTML and CSS: HTML (HyperText Markup Language) is the backbone of any web application; it'sused to create the basic structure and content of a webpage.
- CSS (Cascading Style Sheets) defines the visual appearance of the HTML elements onthe screen, handling layout, design, and some types of animations.
- JavaScript is used to create dynamic changes on the website, enabling interactive elements such as drop-down menus, modals, forms, and even complex animations and graphics.
- React.js: A library developed by Facebook, React makes it easy to build interactive UIs with efficient updates and rendering of the components that have changed.

1.4.1 HTML

HTML, or Hypertext Markup Language, is the standard language used to create and structure content on web pages. It provides a set of tags and attributes that define the structure and presentation of a document, allowing developers to create rich, in teractive, and accessible web pages. HTML documents follow a hierarchical structure, beginning with a root ⟨html⟩ element that contains ⟨head⟩ and ⟨body⟩ sections. The ⟨head⟩ section includes meta-information about the document, such as the title and links to external resources, while the ⟨body⟩ section contains the visible content of the webpage, including text, images, links, and other elements.

HTML Structure

HTML documents follow a hierarchical structure that defines the content and layout of a webpage.

- ⟨!DOCTYPE html⟩: Declaration of the document type and version (HTML5).
- ⟨html⟩⟨/html⟩ - the ⟨html⟩ element: Sometimes referred to as the root element, this element encloses all the page's content. The lang property, which specifies the document's default language, is also included.[3]
- ⟨head⟩⟨/head⟩ - the ⟨head⟩ element: This element serves as a container for whatever you wish to incorporate on the HTML page but isn't showing the users of your page. This comprises elements like character set declarations, keywords, and a page summary that you wish to show up in search results.[3]
- ⟨meta charset="utf-8"⟩: The character set that should be used in your work is UTF-8, which contains most of the characters from most written languages. In essence, it can now handle whatever text you add to it.[3]
- ⟨meta name="viewport" content="width=device-width"⟩: By ensuring that the page renders at the viewport width, this viewport element stops mobile browsers from delivering pages that are broader than the viewport (screen) and then scaling them down.[3]
- ⟨title⟩⟨/title⟩ - the ⟨title⟩ element: This determines the title of your page, which is shown in the browser tab where the page is loaded.
- ⟨body⟩: Contains the content of the webpage visible to users.

1.4.2 CSS

CSS, or Cascading Style Sheets, is a styling language used to control the presentation and layout of HTML documents. It allows web developers to define the visual appear ance of elements on a webpage, including colors, fonts, spacing, and positioning. By separating the content (HTML) from its presentation (CSS), CSS enables greater flexibility and efficiency in web design. CSS works by applying styles to HTML elements using selectors, properties, and values. Selectors target specific elements or groups of elements, while properties define the visual characteristics, and values specify the desired settings. With CSS, developers can create visually appealing, responsive, and consistent web designs across different devices and screen sizes, enhancing the overall user experience.

Styles

CSSconsists of a set of rules that define how HTML elements should be displayed. Each rule consists of a selector, followed by a declaration block enclosed in curly braces . The declaration block contains one or more property-value pairs separated by semicolons ;.

Selectors

Selectors are patterns used to select and style HTML elements. They can target elements based on their type, class, ID, attributes, or relationship with other elements.

Properties and Values

CSS properties define the visual characteristics of elements, such as color, size, font, spacing, and positioning. Each property has a corresponding value that specifies the desired setting.

Box Model

The CSS box model describes the layout and spacing of elements on a webpage. It consists of the content area, padding, border, and margin.

Cascade and Specificity

CSS follows the cascade and specificity rules to determine which styles apply to an element. The cascade determines the order of precedence for conflicting styles, while specificity determines which style rule takes precedence based on its specificity value.

Responsive Design

CSS enables developers to create responsive web designs that adapt to different screen sizes and devices. Techniques such as media queries, flexbox, and grid layout help create layouts that are fluid and adaptable.

1.4.3 JavaScript

JavaScript, often abbreviated as JS, is a high-level, interpreted programming language primarily used for client-side web development. Developed by Brendan Eich in 1995, JavaScript has evolved into one of the most widely used languages for building dynamic and interactive web applications. Unlike HTML and CSS, which are markup and styling

languages respectively, JavaScript is a full-fledged programming language capable of performing complex tasks and computations.JavaScript is known for its versatility and ubiquity, as it is supported by all modern web browsers and can be used across various platforms, including web servers, mobile devices, and desktop applications. It enables developers to enhance the functionality of web pages by adding interactivity, manipulating the Document Object Model (DOM), and handling events triggered by user interactions.

Features and Compatibility

1. Dynamic Content: JavaScript allows developers to dynamically update and modify the content of web pages in real-time. This includes adding, removing, or modifying HTML elements, changing CSS styles, and updating text and images based on user actions or external events.

2. Event Handling: JavaScript enables developers to respond to user interactions,such as clicks, mouse movements, keyboard inputs, and form submissions, by attaching event listeners to HTML elements. This allows for the creation of interactive and responsive user interfaces.

3. DOM Manipulation: JavaScript provides access to the Document Object Model (DOM), a hierarchical representation of the structure and content of webpages. Developers can manipulate the DOM using JavaScript to dynamically update the appearance and behavior of web pages without reloading the entire page.

4. Client-Side Validation: JavaScript can perform client-side form validation to en sure that user input meets specified criteria before submitting data to a server. This helps improve the user experience by providing immediate feedback and reducing the likelihood of errors.

5. Cross-Browser Compatibility: JavaScript libraries and frameworks, such as jQuery,React, Angular, and Vue.js, provide abstractions and utilities that simplify development and help address cross-browser compatibility issues, ensuring thatJavaScript code runs consistently across different web browsers and devices.

1.4.4 ReactJS

React, sometimes referred to as a frontend JavaScript framework, is a JavaScript library created by Facebook.React is a tool for building UI components.he main

objective of ReactJS is to develop User Interfaces (UI) that improves the speed of the apps. It uses virtual DOM (JavaScript object), which improves the performance of the app. The JavaScript virtual DOM is faster than the regular DOM. We can use ReactJS on the client and server-side as well as with other frameworks. It uses component and data patterns that improve readability and helps to maintain larger apps.
A ReactJS application is made up of multiple components, each component responsible for outputting a small, reusable piece of HTML code. The components are the heart of all React applications. These Components can be nested with other components to allow complex applications to be built of simple building blocks. ReactJS uses virtual DOM based mechanism to fill data in HTML DOM. The virtual DOM works fast as it only changes individual DOM elements instead of reloading complete DOM every time.

DOM(Document Object Model)

DOM stands for 'Document Object Model'. It is a structured representation of HTML in the webpage or application. It represents the entire UI(User Interface) of the web application as the tree data structure.The DOM is rendered and manipulated with every change for updating the application User Interface, which affects the performance and slows it down.React maintains two virtual DOMs every time. The first one contains the updated virtual DOM, and the other is a pre-updated version of the updated virtual DOM. It compares the pre-updated version of the updated virtual DOM and finds what was changed in the DOM, like which components will be changed.

Chapter 2
INTERNSHIP DETAILS

2.1 Full Stack Devlopment

Full-stack web development is a subset of web development that encompasses all of the responsibilities involved in creating websites for intranet or internet hosting.It helps to find out a perfect solution for all the front-end, testing, mobile application back-end, etc. full-stack developer work on all this, and also it will take care of the entire procedure of a project.

2.2 Problem Statement

At Caygnus, we specialize in creating cutting-edge IT solutions that drive business success. Our passion for technology fuels our drive to deliver transformative software. our internship program offers you the opportunity to work on live, real-world projects, giving you valuable experience in the IT industry.Interns undergo a structured placement assessment, designed to evaluate performance and skill set, helping to prepare for future opportunities in the tech industry.Our program is designed to foster career development and provide the foundation for success in the ever-evolving IT landscape.we have identified tasks for interns to complete during their internship: 1. Portfolio Website: intern's current portfolio lacks structure, visual coherence, and fails to effectively showcase their skills, projects, and achievements. As a crucial tool for personal branding and professional networking, a well-crafted portfolio website is essential to showcase the intern's capabilities and accomplishments to potential employers and clients.

1.Portfolio website: Showcasing the intern's skills, projects, and achievements. The portfolio website should serve as a professional showcase of the intern's capabilities in web development, highlighting their proficiency in coding languages, frameworks, and design principles. This task will not only allow interns to demonstrate their creativity and technical expertise but also serve as a valuable asset for future career opportunities.

2.To-do List application: Create the basic structure of the to-do list UI by adding an input field for adding tasks, a button to submit, and a dynamic list to display tasks. Use the 'useState' hook to store the current task input and list of tasks.Focus

on handling form input, managing a list of tasks with ‘useState‘, and rendering dynamic content. Do not focus on advanced topics like conditional rendering or context APIs yet.

3.Weather app using API :Learn how to make an API call to a public API using ‘fetch()‘. You will retrieve data and display it on the page.Focus on understanding how to make simple API requests and handle JSON responses. Avoid advanced concepts like error handling with ‘catch()‘ or using libraries like Axios for now.

4.Calculator Application: Develop a calculator application that allows users to perform basic mathematical operations such as addition, subtraction, multiplication, and division. The calculator should be intuitive, user-friendly, and visually appealing, providing a seamless user experience across different devices andscreen sizes. This task will test interns' ability to implement functionality using JavaScript or other programming languages while adhering to best practices in web development.

2.3 Objectives

1. Hands-on Learning:-Gain practical experience by working on real-world webdevelopment projects under the guidance of experienced mentors.

2. Mentorship from Experts:-Work closely with industry professionals who provide guidance, feedback, and support to help you develop both technical and softskills.

3. Skill Development:-Enhance proficiency in programming languages, frameworks, and tools commonly used in web development, such as HTML, CSS, JavaScript, and popular frameworks like React.js.

4. Placement Assessment:-In order to analyze their performance and skill set and get ready for future prospects in the tech sector, interns go through a placement exam.

5. Problem-Solving:- Develop problem-solving skills by troubleshooting issues, debugging code, and finding innovative solutions to technical challenges encountered during the development process

Chapter 3
MOTIVATION

The main reason I have taken on the role of a full stack web developer, I have encountered many challenges that were difficult for me. Another reason for choosing an internship is to build skills for tackling real-life problems. Throughout this internship, I am especially grateful to my supervisor for showing me the realities of the workplace.Doing a web development internship is an invaluable opportunity to build and hone your skills in a professional environment while growing as an individual. This report aims to highlight the main motivations for pursuing a web development internship and its benefits and importance in career development. Learn and improve skills

1. **Evolving Tech-industry:-** As the tech industry keeps evolving, Full Stack Developers are in high demand because of their flexibility and capability to handle both the user interface and server-side elements of a web application. I am especially eager to gain practical experience with modern technologies like HTML, CSS, JavaScript, ReactJS, TypeScript, and API integration, which are all crucial for creating responsive and scalable web applications.

2. **Problem solving and Coding skills:-** I view this internship as a great chance to work alongside experienced professionals, gain constructive feedback, and enhance my development process. Ultimately, I aim to deepen my knowledge in Full Stack Development, equipping myself with the skills needed to contribute to meaningful and innovative software solutions.

3. **Remote work opportunities:-**With the growth of digital nomadism and the widespread implementation of remote work policies by companies around the globe, web developers can now work from virtually anywhere as long as they have an internet connection. This newfound flexibility is particularly attractive to those looking for a healthier work-life balance or individuals with personal obligations that necessitate working from home.

4. **Hands-on Learning:-** From mastering new programming languages and frameworks to keeping up with the latest design trends and development methodologies, there's always something new to learn in web development. Interns have the chance to dive into a culture of lifelong learning, sharpening their skills and

broadening their knowledge base to remain competitive in the constantly changing tech industry.

5. **Versatility:-** Web development skills are highly versatile and applicable across a wide range of industries and sectors. Whether it's developing a portfolio websitefor a freelance photographer, creating an e-commerce platform for a retail business, or building a learning management system for an educational institution,web developers play a crucial role in enabling digital transformation and driving business success. This versatility opens up diverse career opportunities forinterns in various fields

6. **Global Reach:-** The internet has a global reach, allowing web developers to create solutions that can impact users around the world. Whether it's building a multilingual website for a global audience or developing a mobile app with international users in mind, web developers have the power to reach millions of people with their creations. This global reach provides interns with a sense of purpose and fulfillment, knowing that their work has the potential to make adifference on a global scale

Chapter 4
METHODOLOGICAL DETAILS

4.0.1 Training

My role during the internship was to be a Fullstack web developer, and my training focused on that area. Since I had little experience in web development, I began with the basics and slowly moved on to more advanced topics. The training involved studying resources provided by the company, which included online video courses purchased from various websites. One small issue was that the company did not offer a specific learning path or a suggested order for watching the courses, which would have been helpful for beginners like me in web development. I found out that TypeScript is a programming language based on JavaScript. It adds features like optional type annotations, interfaces, and classes. Because of this, I thought it would be smart to understand JavaScript well before starting with TypeScript.
During my Full Stack Development internship, I adopted a methodical strategy to address a range of tasks and projects. This approach included deconstructing intricate tasks into smaller, more manageable components, utilizing industry best practices, and adhering to a systematic process for both front-end and back-end development. The following is a comprehensive overview of the methodology I employed during the internship.

1. **Web Development Overview:** Provides an overview of various aspects of web development, the role of the web developer, and the various technologies used in this area.

2. **Programming Fundamentals:** Interns should introduce basic programming concepts such as variables, data structures, loops, conditions, and functions.

3. **Hands-on Coding Projects:** During the internship, students will be required to work on projects designed to help them practice and apply the concepts learned in the training sessions. We should also work in teams whenever possible to foster collaboration and learn from each other.

4. **Project Management and Workflow:** Teach students various project management methodologies such as Agile and Scrum and how to properly plan, ex-

ecute and review projects. Career Advice: Advice on building a professional portfolio,networking and entering the industry.

5. **Final Project:**At the end of the internship, students will apply their new skills by working on a final project that will integrate what they have learned and add to their professional portfolio.

4.0.2 Internship Tasks

Task 1

Portfolio

Intern's current portfolio lacks structure, visual coherence, and fails to effectively show case their skills, projects, and achievements. As a crucial tool for personal branding and professional networking, a well-crafted portfolio website is essential to showcase the intern's capabilities and accomplishments to potential employers and clients. Design and build a personal portfolio website showcasing the intern's skills, projects, and achievements. The portfolio website should serve as a professional showcase of the intern's capabilities in web development, highlighting their proficiency in coding languages, frameworks, and design principles. This task will not only allow interns to demonstrate their creativity and technical expertise but also serve as a valuable asset for future career opportunities.

- Problem Statement:- Individuals or businesses often struggle to showcase their work effectively to potential clients or employers.- Existing portfolios may lack organization, clarity, or visual appeal, making it difficult to convey the quality and diversity of the work.

- Expected Solution:- Develop a well-structured and visually engaging portfolio that effectively showcases the individual's or business's work, skills, and achievements. Provide clear navigation, intuitive layout, and compelling visuals to captivate visitors and encourage them to explore further.Tailor the portfolio to the target audience, whether it's potential clients, employers, or collaborators.

- Outputs: A polished and professional portfolio that effectively communicates the individual's or business's skills, expertise, and accomplishments.

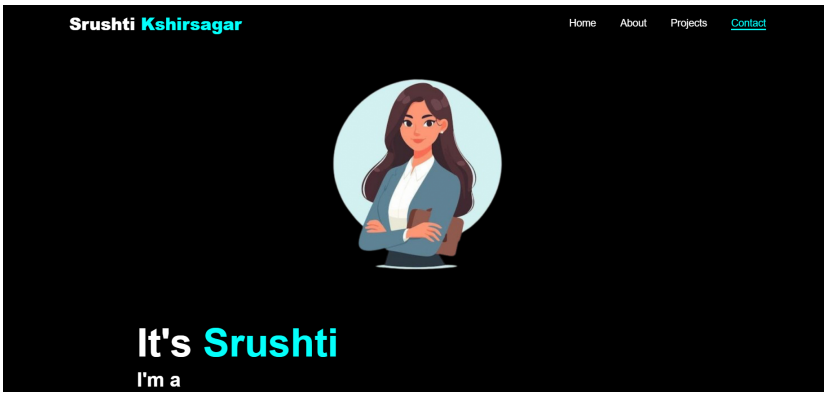

Figure 4.1: Portfolio Page

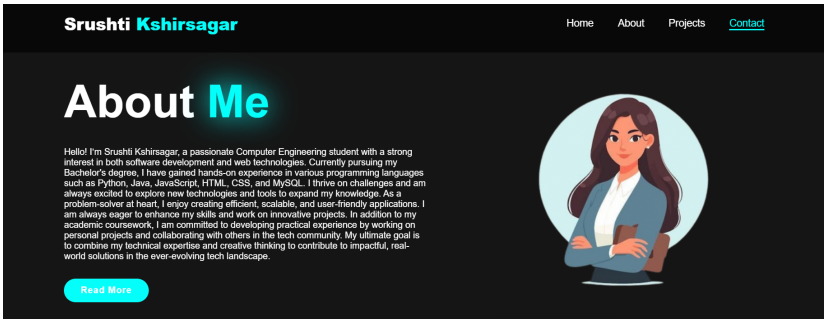

Figure 4.2: About Me

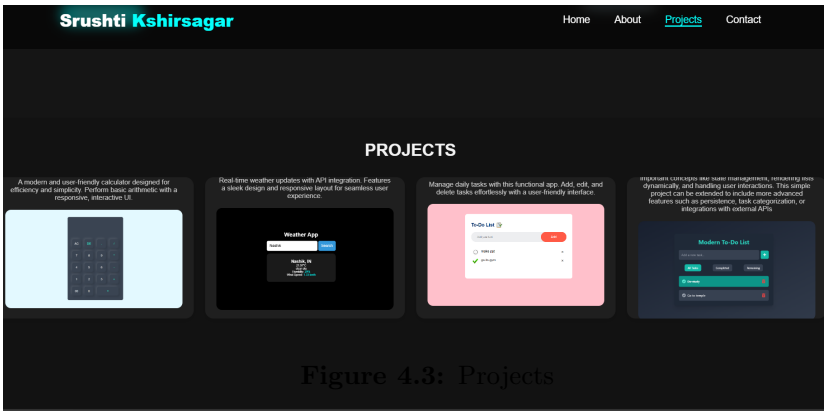

Figure 4.3: Projects

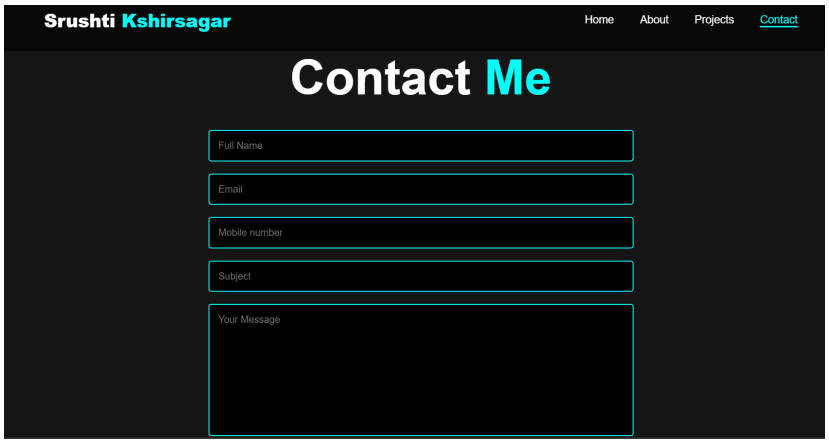

Figure 4.4: Contact Me

Task 2

Calculator

- Problem Statement:- Users often encounter situations where they need to perform calculations quickly and accurately, but may lack access to specialized tools or knowledge.- Existing calculators may be limited in functionality, difficult to use, or not tailored to specific needs or industries.
- Expected Solution:- Develop a user-friendly and versatile calculator that addresses common calculation needs and provides a seamless experience for users. Incorporate relevant features, functions, and customization options to meet the specific requirements of the target audience.Ensure the calculator is intuitive,reliable, and accessible across various devices and platforms.
- Outputs:- A fully functional calculator application or tool that meets the needs and expectations of the target audience.

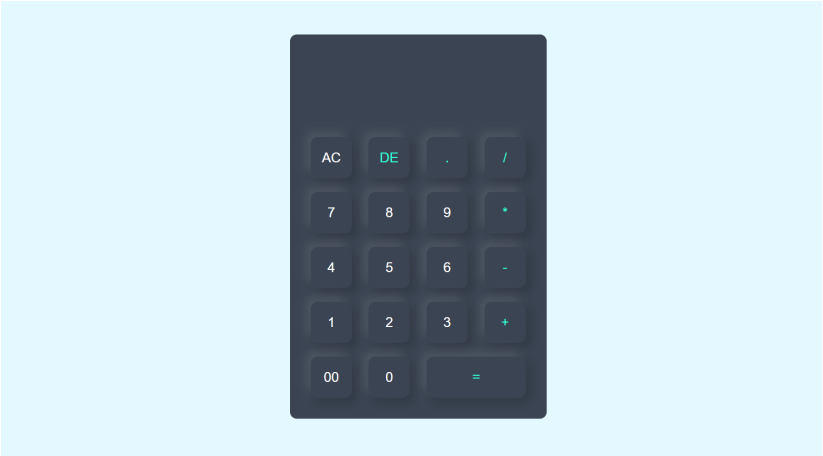

Figure 4.5: Calculator

Figure 4.6: Calculator

Task 3

Weather App

A weather app gives users up-to-date weather information for a chosen place, including details like temperature, humidity, wind speed, and overall weather. It uses HTML, CSS, JavaScript, and APIs to get live data from a weather service and shows it in a simple format.This project focuses on creating a web-based weather app where users

can enter a city or location, and the app will show the current weather. The app uses HTML for layout, CSS for design, JavaScript for user interaction and API calls, and an external weather API (such as OpenWeatherMap or WeatherStack) to gather the data.

- Problem Statement:-Many people think it takes too long to look up weather information on different platforms. They often need to check various websites or apps to see the current weather for a specific place. Also, many of these sources are not user-friendly, which makes it difficult for users to find the information they need quickly.
- Expected Solution:- A simple input box where users can enter a city or place name to get the weather information. Gets Live Weather Data: The app will connect to a weather service (like OpenWeatherMap or WeatherStack) to get up-to-date weather data for the entered location. Shows Weather Details: The app will show the current weather, including temperature, wind speed, humidity, and overall weather conditions.
- Outputs: The Expected outputs includes,

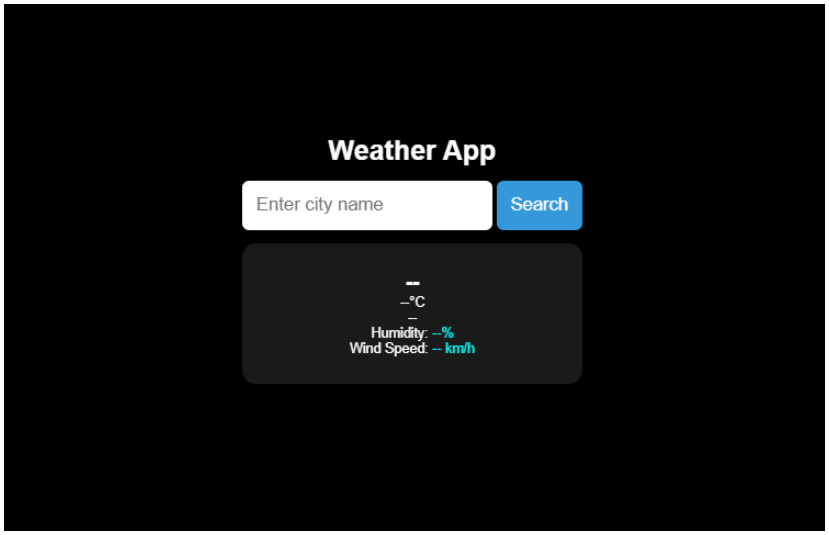

Figure 4.7: Weather App

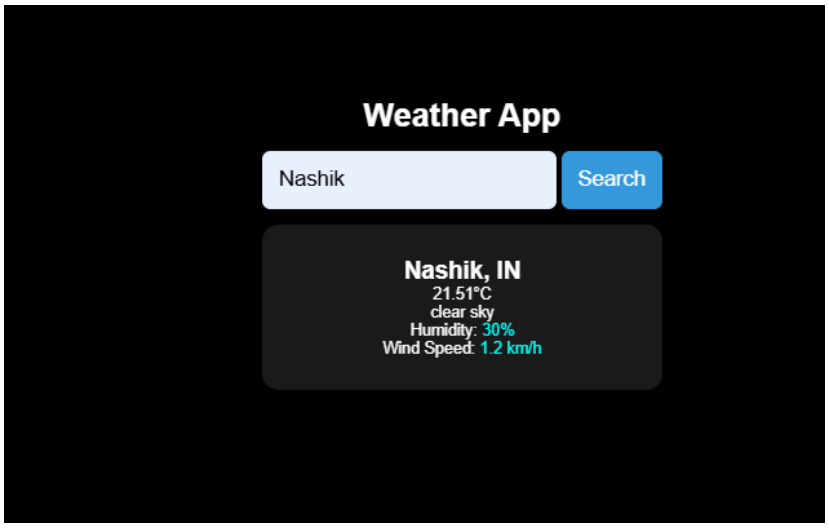

Figure 4.8: Weather App

Task 4

To-do list Using ReactJS

1. Problem Statement:-In today's busy world, being organized and handling tasks well is essential for getting things done. Many people find it hard to keep track of their daily tasks and often forget important ones. Regular to-do lists, whether on paper or in simple apps, usually don't have the features needed for effective task management. Inefficiency: Basic to-do lists are fixed and often need manual changes, which can make them less engaging to use. Task Management Challenges: Users may struggle to quickly prioritize, complete, or remove tasks.Unsatisfactory User Experience: Many to-do list apps do not offer real-time updates, leading to the need for page refreshes and slow task handling.

2. Expected Solution:- Create New Tasks: Users can enter a task in a text box and press a button to include it in the list. The tasks will be saved in the app's memory. Complete Tasks: Each task will feature a checkbox that users can select to indicate it is done. When checked, the task will change visually (like being crossed out or highlighted). Remove Tasks: Each task will have a delete button that lets users take it off the list when it is not needed anymore.

3. Outputs:- After completing tasks user will experience following outputs,

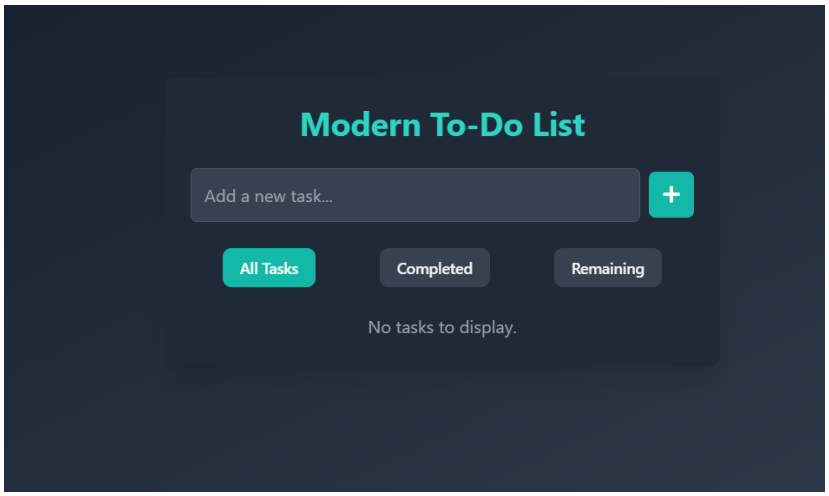

Figure 4.9: Modern To-do List

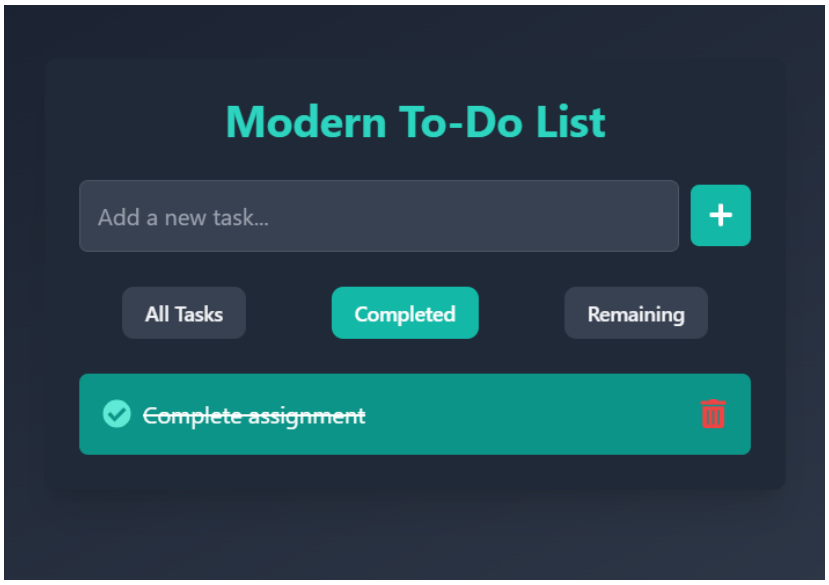

Figure 4.10: Modern To-do List

4.0.3 Real-World Project

Caygnus Mocks:A Professional Platform for Mock Tests

Caygnus Mocks is a modern and comprehensive online platform designed to assist students in preparing for competitive exams such as JEE, NEET, JEE-Mains, and other similar examinations. The platform provides a professional exam environment where students can practice mock MCQ-based questions, assess their performance, and track their preparation progress effectively.

Objectives

The primary goal of Caygnus Mocks is to offer students a realistic and reliable mock test experience to enhance their readiness for competitive exams. By simulating professional exam settings, the platform aims to:

1. Familiarize students with the actual exam pattern and time management.
2. Provide a vast repository of curated MCQ questions tailored to the syllabus.
3. Deliver instant performance insights and scores to help students identify strengths and weaknesses.

Features and Functionalities

1. Mock Tests:
    - Exams for JEE, NEET, and other competitive exams.
    - Timer-based tests with a user-friendly interface.
    - Dynamic question sets categorized by subject and difficulty.
2. Performance Tracking:
    - Detailed score reports for each mock test.
    - Analytics showing strong and weak subject areas.
    - Performance trends to monitor improvement over time.
3. Professional Exam Simulation:
    - Realistic user interface mimicking actual competitive exams.
    - Adherence to exam durations and structures.

- A stress-free environment to practice under realistic conditions.

4. User Accessibility:
    - Easy registration and login process for students.
    - Mobile-friendly design for seamless access on all devices.
    - Secure database to store and retrieve user progress data.

Technology Stack:

- Frontend: React.js, Tailwind CSS for a responsive and modern UI.
- Backend: Node.js with Firebase for data management and authentication.
- Database: Firestore for storing user data and test scores.
- Hosting: Deployed on a scalable cloud platform to ensure high performance and availability.

By bridging the gap between preparation and real exam experiences, Caygnus Mocks aims to become a go-to platform for students aspiring to succeed in competitive exams. Its commitment to quality, usability, and performance ensures that students are well-prepared to achieve their academic goals.

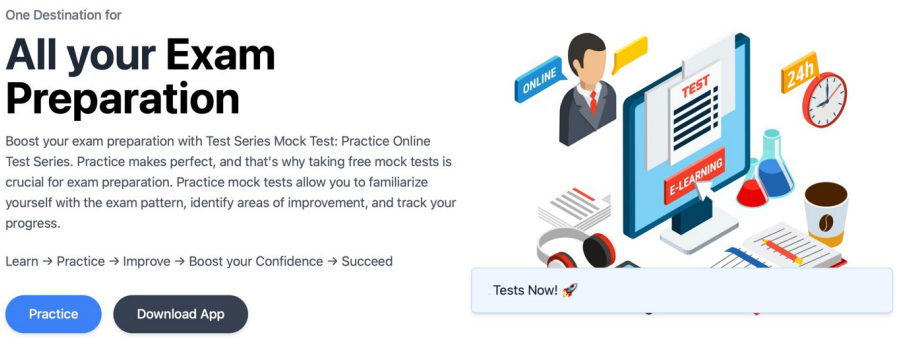

Figure 4.11: Hero Section

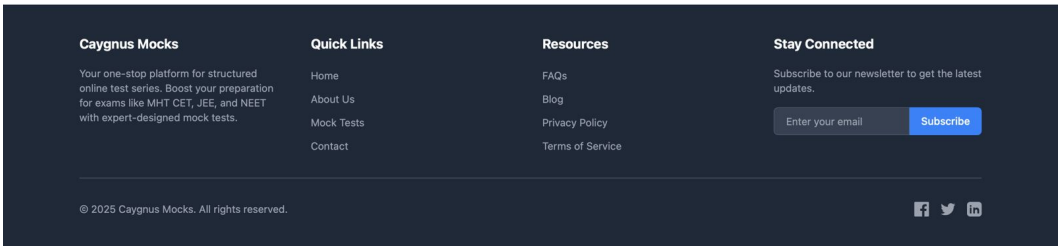

Figure 4.12: Hero section

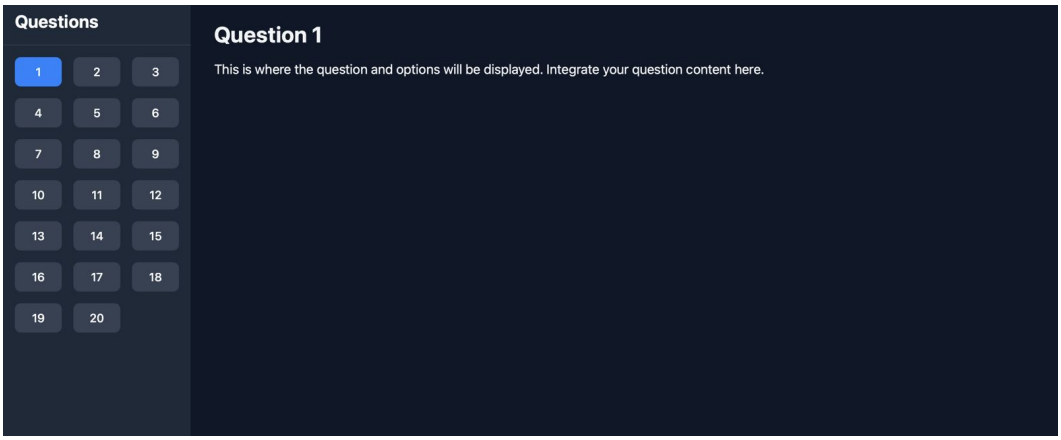

Figure 4.13: Test

Figure 4.14: Test

Figure 4.15: Test

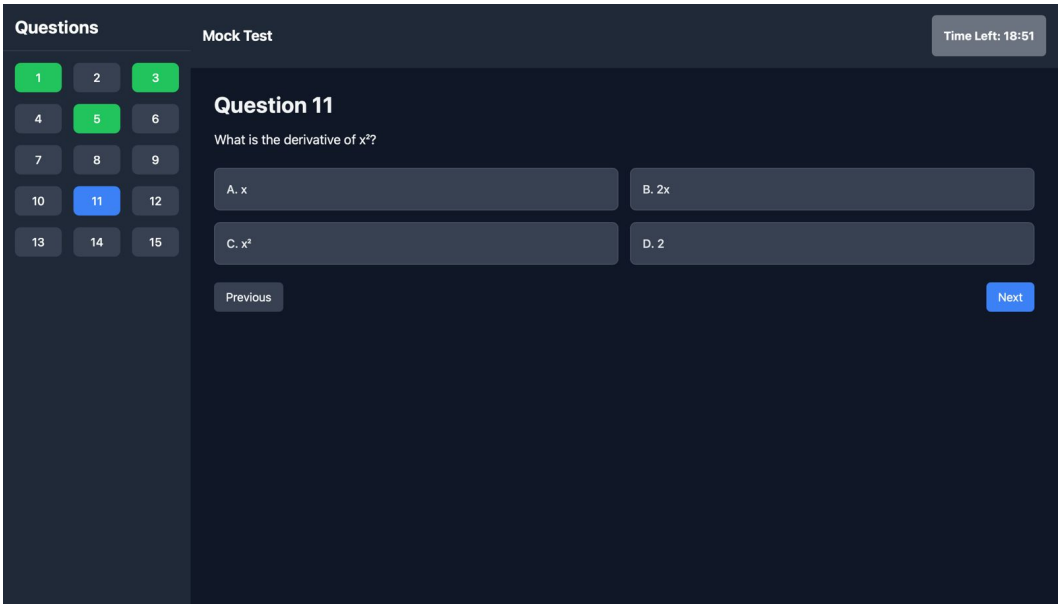

Figure 4.16: Test

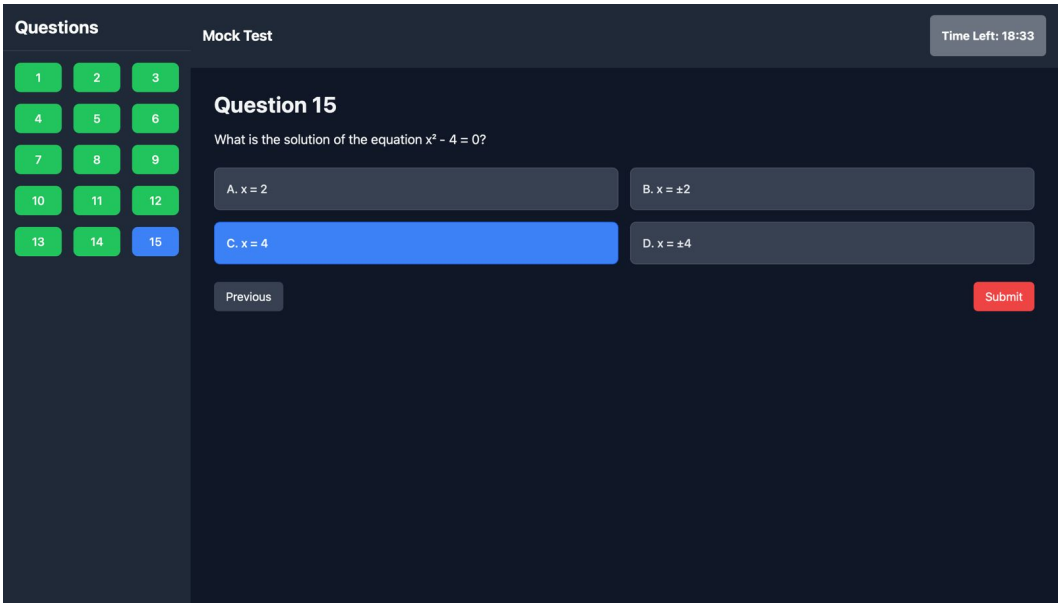

Figure 4.17: Test

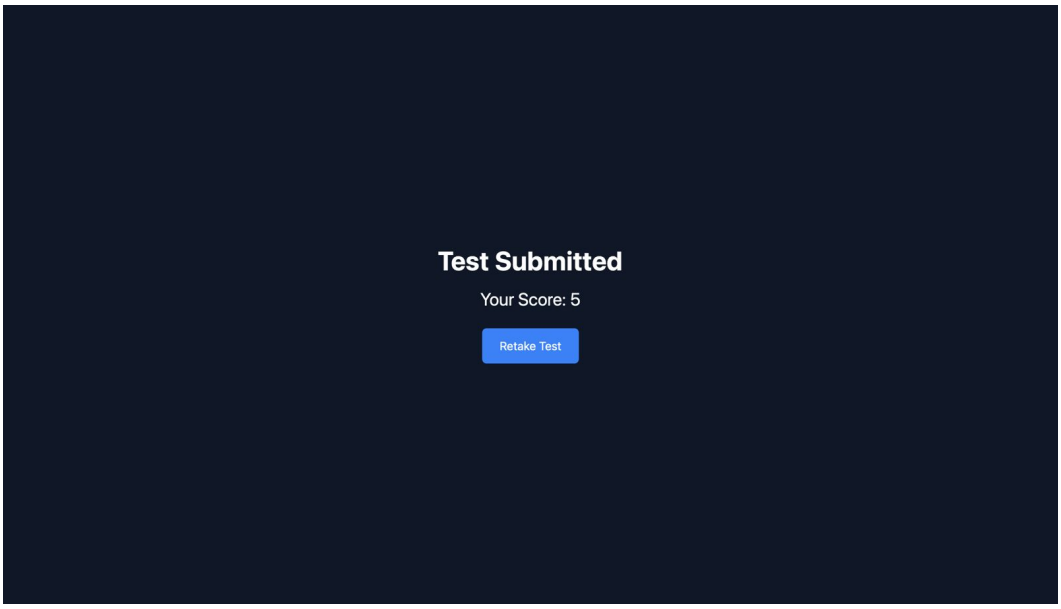

Figure 4.18: Test

Chapter 5
CONCLUSION

The culmination of a Full stack development internship marks not just the end of a learn ing journey, but the beginning of a new chapter in the intern's professional growth and career trajectory. Throughout the internship period, the intern has embarked on a transformative experience, gaining invaluable insights, honing technical skills, and cultivating a mindset of continuous learning and improvement. As the intern reflects on their journey, they recognize the significance of the challenges they've faced and the accomplishments they've achieved.

One of the most impactful aspects of the internship has been the structured curriculum and interactive learning activities designed to facilitate learning and skill acquisition. Through coding exercises, and real-world projects, the intern has delved deep into the world of web development, mastering essential concepts and tech niques that are fundamental to success in the field. Constructive feedback have not only helped the intern navigate challenges but have also fostered a sense of support and encouragement that has been instrumental in their growth.

The real-world projects assigned during the internship have been particularly enriching, allowing the intern to apply their newfound knowledge and skills in real-world scenarios.As the internship draws to a close, the intern is filled with a sense of accomplishment and gratitude for the experiences and opportunities they've been afforded. Armed with newfound knowledge, skills, and confidence, they are ready to embark on the next phase of their career with enthusiasm and determination.Looking ahead, the intern is excited to apply their skills and expertise in real-world settings, contributing to meaningful projects and making a positive impact in the field of web development. They are committed to lifelong learning, staying abreast of emerging technologies and trends, and continuously refining their craft to stay at the forefront of the industry

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[7] https://youtu.be/Dtb3DdSvYRY?si=iR07NMZPdWzVcWDB

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ATTENDANCE RECORD

PLAGIARISM REPORT

ATTACH PLAGIARISM REPORT OF TURNITIN SOFTWARE ONLY.