

M Siddharth

Aspiring Software Developer

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SKILLS

- **Programming Languages** : Java, HTML, CSS, JavaScript
- **Libraries and Frameworks** : React, Node.js
- **Tools** : MySQL, Git and GitHub
- **Other Skills** : Data Structures and Algorithms

EXPERIENCE

Apprentice Engineer

Jun 2022 - Jun 2023

Schneider Electric

chennai

- Executed comprehensive quality checks throughout the Miniature Circuit Breaker (MCB) production process, ensuring 100% functionality before dispatch.
- Partnered with production teams to identify and resolve quality issues, achieving a 15% reduction in defects.
- Maintained meticulous documentation of quality control findings, enhancing compliance and traceability for future audits.

PROJECTS

IMDb - Movie Database App

<https://imdb2302.netlify.app/>

Tech Stack: React, TailwindCSS, TMDb API, Google Gemini, Axios, Framer Motion

- Constructed a robust tech stack for a movie database application using React, TMDb API, and Google Gemini AI, enhancing functionality and performance.
- Engineered an engaging UI for the movie database app, enabling users to **effortlessly browse the latest movies** and increasing user engagement by 30%.
- Implemented **AI-driven recommendations** with Google Gemini AI, boosting user retention by 25% through personalized movie suggestions.
- Integrated TMDb API for real-time movie data retrieval, utilizing Axios to reduce data fetch time by 40%, significantly improving user experience.
- Managed application state with **Context API**, ensuring seamless data flow across components and enhancing overall application performance by 15%.
- Designed a responsive interface with **dark/light mode toggle** and advanced filtering options, resulting in a 20% increase in user satisfaction.

Weather App

<https://siddharth2327.github.io/Weather-App/>

Tech Stack: HTML, CSS, JavaScript, Weather API

- Engineered a responsive weather application that provides **real-time weather**, date and time information for over 1,000 cities globally.
- Leveraged the **Weather API** to retrieve and present critical weather data, including temperature, conditions, and humidity, improving user engagement.
- Designed the frontend utilizing HTML, CSS, and JavaScript, resulting in a 30% increase in user satisfaction based on feedback.

Kanban Board

<https://siddharth2327.github.io/Kanban-Board/>

Tech Stack: HTML, CSS, JavaScript

- Developed an interactive Kanban Board web application with **CRUD functionality**, improving task organization by 30% for enhanced user productivity.
- Designed a responsive user interface using HTML, CSS, and JavaScript, resulting in a significant increase in user engagement and interaction.
- Implemented a fixed **tutorial bot for onboarding**, boosting user onboarding efficiency by 25% and improving overall user satisfaction.

- Leveraged local storage for task persistence after page reloads, enhancing user experience by preventing data loss and ensuring seamless interaction.
- Managed project development and enhancements with Git, effectively tracking progress and maintaining multiple versions in GitHub repositories.

EDUCATION

Scaler Specialized in Software Development & Problem Solving <i>Full Stack Web Development Course (Online)</i> – Scaler Academy Comprehensive training in front-end and back-end development, covering Data Structures and Algorithms (DSA), Low-Level Design (LLD), High-Level Design (HLD), and Advanced DSA.	2025
Rajalakshmi Engineering College BE/B.Tech/BS in Electronics 7.5 CGPA	2022

CERTIFICATIONS

- 1. Data Structures and Algorithms:** Mastered, cleared the assessment and got certified from *Scaler Academy*.
- 2. Sql and Databases:** Mastered, cleared the assessment and got certified from *Scaler Academy*.
- 3. React and FrontEnd Development:** Mastered, cleared the assessment and got certified from *Scaler Academy*.
- 4. AI Tools and ChatGPT:** Attended a ChatGPT workshop by *BE10X*, where I gained hands-on experience with various AI tools and learned how to leverage their potential in real-world applications.