Madhan Singh T

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                                                     Leetcode   Github

About Me

I am a third-year student with advanced skills in programming and problem-solving, supported by a strong foundation in analytical and creative thinking. As a team co-leader, I bring effective leadership qualities, ensuring tasks align with team members' strengths while providing guidance and support.

I excel in time management, maintain a solid work ethic, and am committed to achieving measurable outcomes that drive team success. A hardworking individual, I am passionate about continuous learning and eagerly take on projects that broaden my knowledge across diverse domains, further refining my skills and contributing to impactful solutions.

Professional Experience

Thangamayil Jewelers(Intern)

Quality Analyst(Software Tester):   **11 July 2024 - 26 July 2024**

Served as a Quality Analyst at Madurai Thangamayil Jeweler's IT Management Center, where I analyzed and tested the Thangamayil DigiGold app, which is currently under development. During this 15-day internship, I contributed ideas for further development of Digigold app, gaining insight into the IT sector's workflow and quality assurance processes. I followed the technical approach done at each level by following the instructions through mail-id from the instructor and completed my task and updated my daily work completions and recorder them.

Mit Rusa 2.0(Intern)

Web Developer and ML Analyst: **6 May 2024 – 20 May2024**

During my internship, I successfully developed a comprehensive web-based portal for a Battery Management System, leveraging Next.js and Tailwind CSS to create a robust, responsive, and user-friendly interface. This full-stack project included the integration of machine learning algorithms to optimize battery management for electric vehicles, showcasing a practical application of AI in enhancing system performance. Through this experience, I gained valuable hands-on expertise in advanced web technologies, full-stack development, and the implementation of ML solutions, further strengthening my skills in delivering impactful and scalable projects.

Mini Projects

50+ HTML,CSS,JS Projects :

I have successfully completed 50+ projects using HTML, CSS, and JavaScript, showcasing my ability to implement concepts and create functional web applications. Through these projects, I have solidified my understanding of the foundational principles of web development, covering all essential aspects of HTML, CSS, and JavaScript.

Additionally, I have enriched my knowledge by following guidance from various YouTube channels, using their content to deepen my understanding and gain practical insights. My projects reflect this learning journey and have prepared me for advanced frameworks like React.js, enabling a seamless transition to more complex development environments.

My Portfolio:

Designed and developed a bespoke portfolio to showcase my skills and projects, focusing on clean design and an intuitive user experience. Starting with UI/UX design in Figma, I crafted a visually appealing and user-centered layout. I then implemented the design using advanced-level React.js, ensuring a seamless integration of components and interactive features.This dynamic portfolio highlights my achievements, projects, and expertise as an innovative developer, demonstrating proficiency in modern web technologies and best practices. The portfolio serves as a testament to my capabilities in front-end development, UI/UX design, and React-based integration.

Technical Skills and Expertise

- **Java Programmer** - **Python Programmer** - **Web Developer** - **PowerBI Analyst** - **Data Analyst**

Education

Bachelor of Engineering (B.E-CSE)	2022-2026	**CGPA**
PSNA College of Engineering and Technology		8.18/10
Higher Secondary Education (ISC)	2020-2022	**Marks**
Idhayam Rajendran School		427/500
Secondary School Certification (ICSE)	2010-2020	**Marks**
M.K.R.Ayya Nadar Jeyalakshmi Ammal School		503/600

Competitions:
- **IEEE Extreme** Coding Challenge . Global Rank(773/8785).
- **IIT Sricity** Hackathon(Top 50).
- Code mantra at **Bannari Amman College** Event.
- **Leetcode** Weekly Contests.

https://github.com/Madhansingh23/Madhan-Professional-Details