

MASANA DURAI M

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Profile Summary

Software Engineer proficient in Java, C, and SQL, with a strong foundation in Data Structures and Algorithms, demonstrated by solving 400+ problems on LeetCode. Skilled in HTML, CSS, JavaScript, and React.js, with experience building responsive and user-friendly web interfaces.

Education

Adhi College of Engineering and Technology, Chennai BE in Computer Science and Engineering — CGPA: 8.9 (Till 6th Semester)	2022 – 2026
Government (ADW) Higher Secondary School, Chennai Class XII: 75.84% — Class X: 75.6%	2019 – 2022

Experience

DigiGlobe Solutions Web Developer Intern	Aug 2024 – Sept 2024
• Developed 3+ responsive websites using HTML, CSS, and JavaScript for real-world client projects. • Enhanced user interfaces and ensured consistency across devices and screen sizes. • Identified and fixed layout bugs, improving performance and cross-browser compatibility.	Remote

Technical Skills

Programming Languages: Java, C, JavaScript

Database: SQL

Web Technologies: HTML, CSS, React.js, Tailwind CSS

Tools: GitHub, Visual Studio Code, IntelliJ IDEA, Postman

Familiar With: Node.js, Express.js, MongoDB

Projects

AI Image Generator with Credit System MERN Stack, Tailwind CSS, ClipDrop API	Jun - 2025
• Developed a full-stack AI SaaS application that generates images from text prompts using the ClipDrop API. • Implemented secure user authentication with MongoDB, Express.js, and Node.js, storing user data in MongoDB. • Integrated a credit-based system and online payment gateway allowing users to purchase image generation credits.	
Students Hub Platform MERN Stack, CSS	Feb - 2025
• Contributed to the frontend of an educational platform providing mentorship, event updates, and study materials. • Implemented responsive and user-friendly UI with React.js and CSS, ensuring cross-device compatibility. • Collaborated with backend teammates to integrate authentication, Google OAuth, and roadmap modules.	
Weather Forecast Website React.js, OpenWeather API	Sept - 2024
• Built a SPA displaying live weather data for 1000+ cities worldwide. • Integrated OpenWeather API for fetching and updating data every 10 minutes. • Optimized API calls, reducing latency by 40% and improving user experience.	

Achievements & Certifications

- Achieved **1500+** LeetCode rating with **400+** problems solved in **Data Structures and Algorithms**.
- Archived **1400+** CodeChef rating and secured **2-star**, showcasing strong problem-solving skills.
- Led frontend for **Students Hub**, won 1st place among 126 teams at Project Expo (Feb 2025), receiving a **10,000 prize**.
- Presented a **research paper** on a **PWA for student development** at the **ICAMMM 2025 conference**.
- Achieved **5-star rating** in **SQL** on **HackerRank**.
- **Programming with JavaScript** on Coursera
- **Programming using Java** on Infosys Springboard