

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 2022 – 2026
BE in Computer Science and Engineering — CGPA: 8.9 (Till 6th Semester)

Government (ADW) Higher Secondary School, Chennai 2019 – 2022
Class XII: 75.84% — Class X: 75.6%

Experience

DigiGlobe Solutions Aug 2024 – Sept 2024
Web Developer Intern Remote

- 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.

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