

Sarthak Dhembare

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github.com/SarthakTD

Summary

Graduated BE Information Technology with strong skills in Java, C++, React. Proficient in OOP, SQL, Linux, and multi-OS setups. Solved 500+ coding problems and actively contributed to projects in Java, C++, and React. Quick learner with a passion for problem-solving and emerging technologies.

Key expertise

- **Languages:** C++, Java, React, SQL
- **Frameworks and Tools:** Git, GitHub, Eclipse IDE, VS Code, Figma
- **Database Management Systems:** MySQL, MongoDB
- **Operating Systems:** Linux, Windows
- **Other Skills:** Problem Solving, Debugging, Data Structures, Algorithms, Team Collaborative

Experience

Sumago Infotech Pvt. Ltd | Intern Jan 2024 – Mar 2024

- Acquired hands-on experience working with the full MERN stack — MongoDB, Express.js, React.js, and Node.js
- work on real or simulated projects involving features like user authentication, CRUD operations, RESTful APIs, and responsive UIs. This helps in understanding how production-level applications are built and maintained.
- Understood the complete lifecycle of web app development.
- Worked with software installers, WAR files, and other deployment components.
- Wrote unit tests using Jest and React Testing Library. Documented codebase and APIs using Swagger and markdown.
- Participated in daily stand-up meetings and weekly code reviews.

Projects

Blockchain-Driven Multi-Level Healthcare Protection Dec 2024 – Apr 2025

- Utilized blockchain to ensure tamper-proof storage and sharing of patient health records across multiple levels of healthcare providers.
- Apply smart contracts to automate and regulate data access permissions based on user roles (patients, doctors, insurers).

Student Management System Using Mern Stack Feb 2024

- Designed and built a comprehensive Student Management System featuring a React.js frontend and a Node.js, Express.js backend, cutting order processing time by 40
- Implemented MongoDB for local storage of tasks.

flood inundation based on forecast flood levels in rivers Sep 2023 - Oct 2023

- Integrated real-time data analysis and visualization tools to improve flood risk assessment and management..
- Implemented IOT components interact with the system

Education

Amrutvahini College of Engineering 2021 - 2025

B.E. - Information Technology Engineering | **CGPA: 8.07**

Shramik Jr. College, Sangamner 2020 - 2021

HSC | **Percentage: 87.17**