

Sarthak mehare

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Summary

Information Technology engineering student with a diploma background and a solid foundation in software engineering. Skilled in Java-based Data Structures and Algorithms, backend development using Node.js, and frontend development with React.js. Experienced in AI automation, AI expert systems, and practical system implementation. Knowledgeable in system design concepts, Agile methodologies, and version control using Git and GitHub. Seeking remote internship opportunities in software or backend development.

Projects

Invoice Digitization & Digital Billing System

Deployed

- Built and deployed a Spring Boot backend that converts invoice images into structured digital bills.
- Integrated OCR processing and implemented rule-based parsing to extract items, prices, and totals.
- Designed REST APIs for image upload, invoice processing, and retrieval.
- Stored processed invoice data in MySQL for consistency and reuse.
- **Tech:** Java, Spring Boot, OCR, REST APIs, MySQL

SprayMate – Farmer Assistance Mobile Application

Deployed

- Developed a farmer-focused mobile application supported by Java-based backend services.
- Implemented REST APIs to serve crop data and spray usage guidelines to the mobile client.
- Designed backend logic with scalability and structured data handling in mind.
- **Tech:** Java, Spring Boot, REST APIs, Android, MySQL / Firebase

Jidnyasa Concept School Website

Live

- Designed and deployed a production website for an educational institution.
- Implemented backend form handling and inquiry workflows.
- **Tech:** HTML, CSS, JavaScript, PHP

Technical Skills

Programming & DSA: Java (Data Structures and Algorithms)

Backend: Node.js

Frontend: React.js

AI & Automation: AI Automation, AI Expert Systems

Software Engineering: System Design, Agile Techniques, Vibe Coding

Tools & Version Control: Git, GitHub

Education

Bachelor of Engineering in Computer Science Engineering — 3rd Year (Ongoing)

Wainganga Collage of Engineering and Management Nagpur, RTMNU

Diploma in Information Technology — Completed(2024)

Government Polytechnic Murtizapur, MSBTE