

Sarthak Jejurkar

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Technical Skills

Languages & CS Concepts: Python, C++, JavaScript, DSA, OOP, DBMS, OS

Frameworks & Databases: React.js, Node.js, Express.js, MongoDB, MySQL, TensorFlow, HTML, CSS, REST APIs

Tools & Utilities: Docker, Git, GitHub, Redis Bull Queue, Render, Postman, VS Code

Education

Vishwakarma Institute of Information Technology

Expected July 2026

Bachelor of Technology in Electronics and Telecommunication, CGPA: 8.63/10

Pune, Maharashtra

Sarosh Junior College

2022

12th, 85.17%

Sambhajnagar, Maharashtra

The World School

2020

10th, 89%

Sambhajnagar, Maharashtra

Experience

Core Tech Aurangabad Pvt. Ltd

Dec 2024 – Feb 2025

Software Development Engineer Intern

Aurangabad, Maharashtra

- Built a real-time device monitoring dashboard using Node.js and Express.js, improving monitoring efficiency of system.
- Designed and optimized MongoDB schema and queries, boosting data retrieval speed.
- Developed REST APIs enabling seamless interaction between frontend and embedded systems.

Projects

FarmRise | *Node.js, ReactJS, Express.js, MongoDB, Docker*

- Developed a full-stack marketplace + learning platform for farmers using the MERN stack, targeting 100+ active users.
- Wrote and managed the backend using Node.js + Express, handling core API logic and user data flows.
- Enabled secure user authentication with JWT, and integrated MongoDB Atlas for fast, scalable data handling.

QuickNotes.AI | *Node.js, ReactJS, Express.js, MongoDB, JWT, PDFKit, Docker*

- Designed and developed a feature-rich note-taking web application enabling users to create, edit, summarize, and organize notes effectively.
- Enabled seamless note export in multiple formats (PDF, TXT) using PDFKit.

Document Processing Pipeline | *Node.js, Express.js, AWS S3, MongoDB Atlas, Redis Bull, JWT, BART*

- Built a scalable document processing pipeline capable of extracting and summarizing text from 100+ documents daily.
- Designed an asynchronous pipeline using Redis Bull which reduced average processing time for each file.
- Integrated AWS S3 for document storage and MongoDB Atlas for metadata and user data, achieving efficient and reliable file handling.
- Used Docker for containerization and deployed it using Render platform.

Achievements

- **Top 10 Finalist, Odoo Hackathon 2025** – Ranked among 200+ teams for innovation and execution; built *FarmRise*, a MERN-based agri-tech platform.
- **Top 6 Finalist, Nirmaan Hackathon** – Recognized for building a tech solution at I²IC, Vishwakarma Institute of Information Technology.

Certifications

- Full Stack Software Developer Professional Certificate by IBM
- Machine Learning Specialization by DeepLearning.ai