

Nikhil Santosh Gaikwad

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[LinkedIn](#) | [GitHub](#)

Education

Vishwakarma Institute Of Information Technology, Pune

Aug 2022 – May 2027 (Expected)

B.Tech in Computer Engineering (CGPA: 7.96/10)

Coursework: Data Structures, DBMS, OS, Computer Networks, OOP

Experience

Vignaharsta Pvt. Ltd. – MERN Developer Intern

Jan 2025 – Present

- Engineered scalable backend APIs using **Node.js + Express.js**, reducing API latency by **35%** and ensuring seamless data retrieval under heavy workloads.
 - Optimized MongoDB queries and indexing strategies, improving query execution time by **40%** and reducing server load.
 - Implemented JWT-based authentication with role-based access control, strengthening platform security and preventing unauthorized access.
 - Collaborated in agile sprints, integrating CI/CD pipelines and reducing bug resolution cycles by **25%**.
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Projects

AlumNetwork – Alumni Connect Platform

[GitHub](#)

- Developed a full-stack **MERN platform** for alumni-student networking, solving the challenge of fragmented communication and engagement.
- Built authentication, profile dashboards, and event workflows, increasing platform engagement by **60%** in simulated testing.
- Integrated **Socket.IO** for real-time messaging and notifications, achieving message delivery under **150ms latency**.
- Deployed frontend on Netlify and backend APIs on Heroku with CI/CD pipelines, ensuring **99.9% uptime** for 1K+ monthly active users.

DhoondoHostel – Hostel Finder Web App

[GitHub](#)

- Designed a responsive **React.js frontend** with map integration and advanced filters to solve the real-world issue of hostel discovery for students.
- Built scalable backend APIs using **Express.js + MongoDB** capable of handling 10K+ hostel listings with efficient caching.
- Integrated **Razorpay (sandbox)** for seamless hostel booking flow, demonstrating end-to-end transaction management.
- Improved page load performance by **32%** through optimized queries, lazy loading, and API response caching.

UI Maker – Drag & Drop Tool

[GitHub](#)

- Built a drag-and-drop layout builder in **React.js** to allow dynamic UI generation, reducing manual design effort by **45%**.
 - Developed backend services with **Node.js + MongoDB** for storing reusable components and retrieving user-generated layouts.
 - Automated deployment with CI/CD pipelines (Netlify + Render) to ensure global availability with 99.9% uptime.
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Skills

Languages: JavaScript (ES6+), Python, Java, C/C++

Frontend: React.js, HTML, CSS, Tailwind, Bootstrap

Backend: Node.js, Express.js, REST APIs, Microservices, JWT Authentication

Databases: MongoDB, MySQL, PostgreSQL, Supabase

DevOps/Tools: Git, GitHub, Docker, CI/CD, Postman, Netlify, Heroku

Soft Skills: Collaboration, Problem-Solving, Product Thinking, Agile Development

Achievements

- Smart India Hackathon Finalist – EcoMine backend system (2024).
 - MIT Hackathon Runner-up – AlumNetwork APIs and integrations (2024).
 - Open Source Contributor (GSSOC) – Vehigo website (2024).
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Certifications

- Meta Front-End Developer Professional Certificate (Coursera, 2025).
- MongoDB for Developers (MongoDB University, 2025).
- IBM Full Stack Software Developer (Coursera, 2025).