

Om Patole

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EDUCATION

School of Engineering & Technology, Shivaji University

Bachelor of Technology in Computer Science; CGPA: 6.10/10.0

Kolhapur, Maharashtra

Graduated: 2027

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C++, SQL, HTML/CSS

MERN Stack: MongoDB, Express.js, React.js, Node.js, Redux

AI/ML: OpenAI API, LangChain, RAG, Prompt Engineering, Vector Databases, TensorFlow

Cloud & Tools: Google Cloud Platform, Firebase, Docker, Git, RESTful APIs, JWT, Postman

PROFESSIONAL EXPERIENCE

Generative AI Intern

Sep 2025 – Oct 2025

NASSCOM FutureSkills Prime

Remote

- Developed AI-powered applications using OpenAI GPT, LangChain, and vector databases for production use cases
- Implemented RAG (Retrieval Augmented Generation) pipeline achieving 85% accuracy in document Q&A system
- Built conversational AI chatbot with context retention and integrated Gen AI with MERN stack applications

Technical Intern - Networking Unit

Nov 2025 – Jan 2026

Department of Technology, Shivaji University

Kolhapur, Maharashtra

- Administered network infrastructure supporting 5,000+ users, maintaining 99.5% uptime across campus
- Configured network devices and implemented monitoring solutions improving efficiency by 30%
- Deployed secure Wi-Fi across 20+ buildings and documented network topology for maintenance procedures

PROJECTS

Cloud E-Commerce Platform | *MERN, GCP, Stripe API*

2024

- Built full-stack e-commerce app with 1,000+ products deployed on GCP achieving 99.9% uptime and sub-200ms load times
- Integrated Stripe payments and JWT authentication with responsive React UI optimized for mobile-first experience

Real-Time Chat Application | *Node.js, Socket.io, MongoDB, Firebase*

2023

- Created scalable messaging platform supporting 100+ concurrent users with WebSocket connections and file sharing
- Utilized Firebase Cloud Messaging and Google Cloud Functions achieving 95% message delivery rate

Campus Navigator App | *React Native, Google Maps API, Firebase*

2023

- Developed mobile app with real-time navigation for 2,000+ students with 50+ custom campus location markers
- Optimized API response time to under 150ms through efficient caching and Firebase Realtime Database integration

ACHIEVEMENTS & CERTIFICATIONS

Smart India Hackathon 2024 Participant

2024

NASSCOM Gen AI Certification

2025

- Completed NASSCOM FutureSkills Prime Gen AI program mastering LLMs, prompt engineering, and RAG systems

Google Cloud Arcade Facilitator - Cohort 1

2025

- Earned 15+ skill badges in Cloud Computing, Machine Learning, BigQuery, and Kubernetes Engine

Competitive Programming

2020 – 2024

- Solved 400+ problems on LeetCode, HackerRank, CodeChef — 4-star CodeChef, 5-star HackerRank rating