

# Saurabh Sanap

Full Stack Developer & AI Engineer | 4+ Years Experience

(+91) 9579411158 • sssanap218@gmail.com • Pune, Maharashtra, India

LinkedIn: [linkedin.com/in/saurabh-sanap](https://www.linkedin.com/in/saurabh-sanap) • GitHub: [github.com/sonooo](https://github.com/sonooo) • Portfolio: [mydigitalgarage.online](https://mydigitalgarage.online)

## PROFESSIONAL SUMMARY

---

Experienced Full Stack Developer and AI Engineer with 4+ years of expertise in building scalable, intelligent web solutions across the complete development lifecycle — from modern frontend frameworks to advanced backend services, AI integration, DevOps practices, and cloud-native architectures.

## TECHNICAL SKILLS

---

**Frontend:** React.js, Next.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap

**Backend:** Node.js, NestJS, Express.js, GraphQL, RESTful APIs, Microservices, Serverless Computing

**AI & ML:** LangChain, LangGraph, LLM Integration, Agentic AI, Transformer Models, Generative AI, NLP, GitHub Copilot

**Databases:** PostgreSQL, MongoDB, Supabase, Redis, Query Optimisation, Real-time Synchronisation

**Cloud & DevOps:** AWS (Lambda, RDS, DynamoDB, SNS, SQS, CloudWatch), Vercel, Docker, Kubernetes, Serverless Framework, AWS SAM CLI, CI/CD

**Testing:** Playwright (E2E), Jest (Unit), Automated & Performance Testing

**E-commerce / CMS:** Shopify, WooCommerce, Sitecore CMS, Payment Gateway Integration

**Tools:** Git, GitHub, Postman, VS Code, ESLint, Webpack, npm/yarn, Low-code/No-code Platforms

**Emerging Tech:** Bun Runtime, Progressive Web Apps, WebAssembly, Infrastructure as Code

## PROFESSIONAL EXPERIENCE

---

### Software Developer & AI Engineer

Infosys | Feb 2025 – Present

- Leading modernisation of legacy applications using Next.js, NestJS, Tailwind CSS, Vercel, and serverless AWS architecture.
- Integrating AI capabilities — LangChain, LangGraph, LLM models, and Agentic AI — for intelligent automation workflows.
- Architecting microservices with NestJS, GraphQL APIs, and Supabase for high-performance, scalable backends.
- Implementing advanced DevOps with Docker, Kubernetes, and comprehensive CI/CD automation pipelines.
- Enhancing developer productivity via GitHub Copilot and automated end-to-end testing with Playwright.
- Spearheading proof-of-concepts using transformer models and generative AI for next-generation business solutions.
- Streamlining workflows with AWS SAM CLI, Serverless Framework, and infrastructure-as-code practices.

### Software Developer

Tata Consultancy Services (TCS) | Jan 2022 – Feb 2025

- Built responsive UIs and interactive components using React.js, Next.js, and Tailwind CSS for enterprise client projects.
- Architected scalable backend APIs and microservices with Node.js, NestJS, and Express.js on PostgreSQL and MongoDB.
- Deployed cloud-native solutions on AWS (Lambda, RDS, DynamoDB, SNS, SQS) with CloudWatch monitoring.
- Implemented GraphQL APIs and real-time data synchronisation, improving application performance by 30%.
- Applied DevOps best practices using Docker, Kubernetes, and AWS SAM CLI for serverless deployments.
- Conducted code reviews, resolved complex bugs, and delivered performance enhancements across multiple client projects.

## KEY PROJECTS

---

### GE Vernova – Enterprise Project Management Platform (Pulse)

Architected a comprehensive project management solution with specialised dashboards, real-time analytics, and automated reporting serving 500+ enterprise users.

*Tech: React.js, Next.js, Node.js, NestJS, PostgreSQL, GraphQL, AWS, Docker, Kubernetes, Data Visualisation*

### **Enterprise Legacy Application Modernisation with AI Integration**

Led monolith-to-microservices transformation using Next.js and NestJS. Integrated LangChain, LangGraph, and Agentic AI for intelligent automation; implemented full DevOps pipeline with Playwright testing.

*Tech: Next.js, NestJS, Tailwind CSS, Vercel, Supabase, AWS, Docker, Kubernetes, GraphQL, LangChain, LangGraph, LLM Integration, Agentic AI, Playwright, AWS SAM CLI*

### **GE Healthcare – Customer Digital Experience (CDX CES)**

Enhanced cross-platform notification engine and user management systems achieving 99.9% uptime for thousands of concurrent users.

*Tech: React.js, GraphQL, Sitecore CMS, Node.js, TypeScript, AWS Lambda, SNS, SQS, CloudWatch*

### **Full-Stack E-commerce Platform**

Developed a complete e-commerce solution with secure payment processing (Braintree), inventory management, JWT authentication, and an administrative dashboard.

*Tech: React.js, Next.js, Node.js, NestJS, MongoDB, JWT, Braintree, Tailwind CSS, Bootstrap*

### **Enterprise API Gateway & Security Proxy Service**

Built an enterprise-grade reverse proxy with JWT authentication, request transformation, rate limiting, and security-header injection for secure microservices integration.

*Tech: Node.js, NestJS, JWT Authentication, API Gateway, Docker, Kubernetes*

### **Advanced Text Processing & Transformation Utility**

Created a web app featuring multiple text transformation formats, advanced analysis, reading-time prediction, theme switching, and responsive design.

*Tech: React.js, Next.js, JavaScript, Tailwind CSS*

## **EDUCATION**

---

### **Bachelor of Computer Applications (BCA)**

Sahakar Maharshi Bhausaheb Santuji Thorat College of Arts, Science and Commerce, Sangamner | 2021

## **CERTIFICATIONS**

---

- JavaScript Algorithms and Data Structures – Advanced Programming Concepts
- Front-End Development Libraries – Modern Framework Mastery
- Back-End Development and APIs – Server-side Architecture & Integration

## **ADDITIONAL INFORMATION**

---

**Languages:** English (Fluent), Hindi (Native), Marathi (Native)    **Interests:** Cricket, Music Production, Pool/Billiards, Open Source Contribution