

Jeel Kathiria

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EDUCATION

K.J. Somaiya College of Engineering

B.Tech In Information Technology(IT) | CGPA: 9.11

Mumbai, Maharashtra

Jul 2023 – Present

TECHNICAL SKILLS

Languages: C++, JavaScript, Python, PHP

Frameworks: Node.js, React, MERN, HTML5, CSS3

Databases: MySQL, MongoDB, PostgreSQL

DevOps & Cloud: Docker, CI/CD (GitHub Actions), Vercel, Linux (Ubuntu CLI), Basic AWS (EC2)

Tools: Git, GitHub, Postman

Core Computer Science: Data Structures, Algorithms, OOPS, DBMS, Operating Systems, Networking (HTTP, DNS, TCP/IP)

PROJECTS

• CampusFix-AI – Smart Complaint Management System

[Live]

Contributed to the development of an admin dashboard in a team-based hackathon project built using Next.js and TypeScript. Implemented heatmap visualizations and live activity timelines to monitor reports and user activity. Integrated AI-driven analysis (Gemini / aiCache) with a karma-based reputation system for automated insights and user trust evaluation.

• HIS-Core – Hospital Information System (Next.js, Supabase, PostgreSQL)

[Live]

Developed a centralized Hospital Information System integrating OPD, IPD, billing, pharmacy, and diagnostics into a unified digital workflow. Implemented role-based access control (RBAC) with Supabase Auth and Row-Level Security (RLS), real-time bed and billing updates using Supabase Realtime, and deployed a secure serverless architecture on Vercel for scalable healthcare data management.

• Smart Billing and Inventory Management System (PHP, MySQL, JavaScript)

[Live]

Developed a real-time billing system with secure authentication and invoice generation. Implemented inventory, billing, and sales modules with stock updates, filtering, pagination, and Excel/PDF export. Designed analytics dashboard for profit calculation, tax tracking, and sales visualization.

WORK EXPERIENCE

• Full Stack Developer Intern

Dec 2025 – Feb 2026

K.J. Somaiya College of Engineering, Mumbai

• Built and containerized a full-stack e-commerce platform using React, TypeScript, Node.js, Express, and PostgreSQL, managing the complete product-to-order lifecycle.

• Deployed the Dockerized application on AWS EC2 (Ubuntu), configuring security groups, environment variables, and Linux server setup for secure public access.

• Implemented CI/CD workflows to automate build and deployment processes, improving release efficiency and ensuring application reliability.

ACHIEVEMENTS

• Secured 3rd Rank at KJSCE GDG Hackathon for developing CampusFix-AI, an AI-powered smart complaint management system.

CERTIFICATIONS

• Web Development Certification (MERN Stack)

• Team Member, KJSCE GDG Hackathon (2025): Developed CampusFix-AI in a team of three, an AI-driven complaint management system for real-time tracking and automated resolution insights.