

Kunal Ahirrao

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PROFILE

Innovative Full Stack Developer with strong foundations in Java, JavaScript, and Python ecosystems. Experienced in building scalable web applications using MERN stack, along with working knowledge of Java Full Stack (Spring Boot) and Python-based backend systems. Skilled in REST API development, authentication, database design, and cloud deployment. Passionate about writing clean, maintainable code and solving real-world problems in agile environments.

EDUCATION

SVKM's Institute of Technology

B.Tech in Computer Engineering

Dhule, Maharashtra

2020 – 2024

EXPERIENCE

Full Stack Developer / Analyst

eClerx

Dec 2024 – Aug 2025

Pune, India

- Developed a Chrome Extension for the FDP Connect project that automates Certificate of Origin (COO) form filling, reducing manual effort by 15–20 minutes per submission.
- Integrated Razorpay payment gateway to support automated wallet deduction, top-ups, and transaction tracking.
- Built a Super Admin Dashboard using React.js and Node.js for managing user requests, pricing controls, and system configurations.
- Worked with REST APIs and explored backend development concepts using Java Spring Boot for scalable services.
- Collaborated with cross-functional teams to streamline workflows and improve operational efficiency.

PROJECTS

AI SiteGenie | *React, Node.js, Express.js, PostgreSQL, Stripe, Gemini API*

- Developed a full-stack AI website builder using the PERN stack with authentication and a credit-based system.
- Engineered an AI Prompt-to-Code pipeline converting natural language prompts into structured HTML and Tailwind CSS layouts.
- Implemented a real-time preview engine using sandboxed iframes enabling users to instantly interact with generated websites.
- Built an AI editing interface allowing users to modify site sections using natural language commands.
- Integrated Stripe API for payments and PostgreSQL for persistent data storage.
- Developed a community gallery for sharing AI-generated websites.

Smart Task Manager API | *Java, Spring Boot, Hibernate, MySQL*

- Developed a RESTful backend application using Spring Boot to manage tasks with create, update, delete, and status tracking features.
- Implemented CRUD operations using Spring Data JPA and Hibernate for efficient database interaction.
- Designed REST APIs with proper validation, exception handling, and layered architecture (Controller, Service, Repository).
- Integrated MySQL database and optimized queries for performance.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, SQL

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux

Backend: Node.js, Express.js, Spring Boot, RESTful APIs, JWT Authentication

Java Full Stack: Core Java, OOPs, JDBC, Servlets, JSP, Spring Boot, Hibernate (Basics), Microservices (Basics)

Python Full Stack: Python, Flask (Basics), Django (Basics), REST APIs, Automation Scripts

Databases: MongoDB, MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, Postman, VS Code

Cloud & DevOps: AWS (Basics), Azure (Basics), CI/CD (Basics), Deployment

Core Concepts: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOPs