

Aditya Maurya

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SUMMARY

Aspiring Full Stack Developer skilled in **Java**, **JavaScript**, **React**, and **Spring Boot**, with hands-on experience in building side projects and contributing to open-source. Certified **Java Full Stack Developer** and **Postman API Expert**, eager to apply skills in real-world development environments.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python

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

Backend: Spring Boot, Node.js

Databases: MySQL, MongoDB

Tools & Platforms: Git, GitHub, Postman, REST APIs, Docker

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA)

EDUCATION

B.Tech in Computer Science Engineering

Parul University

Expected 2026

Vadodara , Gujarat

WORK EXPERIENCE

Open Source Contributor

GitHub – Various Projects

2023 – Present

Remote

- Contributed to multiple repositories focusing on full stack development using Java, JavaScript, and Spring Boot
- Worked on issue #26802 and #26831 in the Supabase GitHub repo — implementing client-side JWT secret generation
- Collaborated with global developers, followed Git workflows, and improved project documentation and code quality

PROJECTS

Secure Study Vault – (React, Tailwind CSS, Spring Boot, PostgreSQL, Web Crypto API)

Privacy-focused cloud storage for students to securely manage and share academic files.

- *Developed folder-based file interface using React and Tailwind CSS*
- *Built backend REST APIs for file storage and metadata using Spring Boot*
- *Implemented client-side encryption via Web Crypto API before upload*
- *Created password-protected, auto-expiring links for secure group sharing*

Personalized Study Assistant (RAG-based) – (React, Tailwind CSS, Spring Boot, Spring AI, PostgreSQL (pgvector))

A study assistant that answers course-related questions from uploaded documents using Retrieval-Augmented Generation.

- Built a split-screen React UI with real-time chat and document upload functionality
- Implemented RAG with Spring AI and Ollama to deliver context-aware answers
- Configured pgvector in PostgreSQL for embedding-based similarity search
- Enabled session review by storing Q&A pairs; deployed frontend on Vercel

CERTIFICATIONS

Java Full Stack Development - CodeForSuccess

Postman API Fundamentals Student Expert – Postman