

Prajapati Mehulkumar Vinodkumar

Software Developer • Backend Engineering • Spring Boot • Cloud (AWS)

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A solutions-driven Computer Science undergraduate who approaches every problem with strong CS fundamentals — DSA, DBMS, OS, and Networks — combined with clean architecture principles and AI-assisted development workflows. Proven ability to design and ship secure, scalable backend systems using Spring Boot, REST APIs, and AWS — from idea to cloud deployment.

EDUCATION

Silver Oak College of Engineering & Technology, Ahmedabad B.Tech in Computer Science & Engineering CGPA: 9.99/10 Top 1%	2023–2027
Leo School of Science and Commerce Class XII (GSEB) 74%	2023
Saraswati Hindi Vidhyamandir Class X (GSEB) 94%	2021

TECHNICAL SKILLS

Languages:	Java, Python, C, C++, JavaScript, HTML, CSS
Backend Technologies:	Spring Boot, Spring MVC, Spring Security, JWT, Spring Data JPA, REST APIs, Microservices, Hibernate
Databases:	MySQL, PostgreSQL, MongoDB
Tools & Cloud:	AWS, Docker, Maven, Git, GitHub, IntelliJ IDEA, Postman
Core CS:	Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, OOPS

INTERNSHIP EXPERIENCE

Cloud Computing Intern – CodeAlpha • Built applications covering data redundancy detection, SQL injection simulation, and a rule-based chatbot — developing practical understanding of data integrity, input validation, and security vulnerabilities. • Applied iterative debugging and structured problem-solving across all tasks, strengthening secure coding awareness and application logic design.	December 2025 – January 2026
Data Analytics Intern - CSRBOX • Processed and cleaned large datasets Pandas and NumPy to support data-driven reporting. • Built visualizations and summary reports to communicate insights to non-technical stakeholders.	July 2025 – August 2025

PROJECTS

NeuroNudge – AI-Powered Mental Wellness Platform <i>Java Spring Boot MongoDB JWT</i> • Built a full-stack mental wellness platform using Spring Boot 3.2, MongoDB Atlas, and Groq Llama-3.3-70b with 15+ REST endpoints, JWT auth, BCrypt, Google OAuth, and Spring Security RBAC across 3 user roles. • Implemented a clinically-grounded burnout detection engine, 3-tier AI fallback chat, async email alerts (@Async), appointment slot conflict prevention via MongoDB compound index, and PDF report generation.
DoseHope – Medicine Donation & Expiry Tracking Platform <i>Java Spring Boot MySQL HTML/CSS/JavaScript</i> • Built a medicine donation platform with Spring Boot and MySQL, exposing 20+ REST endpoints with JWT auth, layered Spring Security guards (@PreAuthorize + URL-level), and @Transactional writes for data consistency. • Fixed an IDOR vulnerability by validating resource ownership against the authenticated principal, added frontend role-based route guarding, and resolved a Docker build-context issue with sibling-directory paths.

CERTIFICATIONS

- NPTEL Software Engineering — Top 1% (82%)
- AWS Academy Graduate — Cloud Foundations