

Prajjwal J

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Education

Dayananda Sagar College of Engineering

Bachelor of Engineering

(Dec 2021 - June 2025)

Electronics and Communication Engineering (CGPA - 8.5/10)

Technical Skills

Programming Languages: Java, C++, SQL, JavaScript

Frontend: HTML, CSS, React.js

Backend: Spring Boot, Node.js, REST APIs

Databases / Tools: PostgreSQL, MySQL, Git, GitHub, Postman

Core Concepts: Data Structure & Algorithm, Object-Oriented Programming (OOP), RESTful APIs

Experience

Opentext

Intern

(May 2025 - Nov 2025)

- Designed and automated end-to-end UI and API testing workflows using **Gauge** and **Taiko**, ensuring coverage of critical business scenarios, regression flows, and integration paths.
- Identified UI defects during test execution and collaborated closely with the development team to reproduce and resolve issues, improving overall application quality.
- Analyzed and fixed automation failures by enhancing test scripts, improving wait strategies, and optimizing test execution reliability.
- Developed Java-based utilities to programmatically fetch **Kubernetes** pod logs and Velero backup/restore logs from GCP clusters, enabling faster debugging and automated monitoring.
- Built a Velero Health Status **REST API** in Java to monitor pod health.

Projects

Resume Analyzer | Spring Boot, MySQL, Google Gemini AI, Brevo

[Github Link](#)

- Built a full-stack web application that analyzes resumes using AI to extract skills, evaluate resume quality, and provide personalized improvement suggestions.
- Integrated **Google Gemini AI** to perform intelligent resume parsing and content analysis. Designed and developed **RESTful APIs** using Spring Boot to handle resume processing, user management, and AI integration.
- Implemented secure **authentication** and **authorization**, including email verification and password reset workflows using **Brevo**.
- Stored and managed user and resume data efficiently using **MySQL** with proper schema design.

Secure Product Management API - | Spring Boot, JWT, MySQL, Spring Data JPA

[Github Link](#)

- Designed and developed a secure, stateless REST API using **Spring Boot** with **JWT-based authentication** and role-based authorization (USER / ADMIN).
- Developed user management APIs for viewing users, modifying roles, and registering admin users.
- Integrated **BCrypt** password encryption and followed industry-standard security practices.
- Applied clean architecture (Controller–Service–Repository) with **Spring Data JPA & Hibernate** for database interaction and tested APIs using **Postman** and followed RESTful design principles.

Achievement

- 400+ DSA problems solved on Leetcode and GFG, showcasing strong problem-solving skills.
- Placed Top 10 - designed a user-friendly Full Stack application for the job search Hackman Hackathon - March 2024.