

DHEERAJ MANDLOI

Full Stack Developer | Java Developer

Indore, Madhya Pradesh | +91-9399795203 | dheerajmandloi2005@gmail.com | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Aspiring Full Stack Developer with hands-on experience building web applications using Java, Spring Boot, MySQL, PostgreSQL, REST APIs, HTML, CSS, and JavaScript. Strong foundation in Data Structures, Algorithms, OOP, and DBMS. Skilled at designing scalable, Alintegrated software solutions, with a proven track record of building 3+ full-stack projects from concept to deployment.

PROJECTS

Post Office Monitoring System with AI Queue Detection | [Live Demo](#)

Tech Stack: Java, Spring Boot, PostgreSQL, FastAPI, YOLOv8, HTML, CSS, JavaScript

- Engineered a smart post office monitoring platform enabling real-time queue tracking and counter management across multiple service points.
- Designed and implemented 10+ RESTful APIs using Spring Boot to handle counter, queue, and analytics operations.
- Integrated PostgreSQL for efficient, reliable storage and retrieval of operational data.
- Built an AI-powered queue detection module using YOLOv8 and FastAPI, enabling automated, camera-based crowd analysis.
- Delivered real-time analytics dashboards displaying queue length, active counters, and estimated waiting time, improving operational visibility.

Hospital Management System

Tech Stack: Java, Spring Boot, MySQL, Gemini API, HTML, CSS, JavaScript

- Developed a full-stack hospital management application streamlining patient records, appointment scheduling, and staff management.
- Built scalable backend services using Spring Boot following layered architecture and REST principles.
- Implemented Gemini API integration to power an AI-driven doctor recommendation feature, enhancing patient experience.

Job Portal Application

Tech Stack: Java, Spring Boot, MySQL, HTML, CSS, JavaScript

- Built a full-stack job portal enabling recruiters to post jobs and candidates to apply, streamlining the hiring workflow.
- Implemented secure authentication and role-based access control for Admin, Recruiter, and Candidate roles.
- Developed REST APIs to manage job listing creation, search, and application submission workflows.
- Integrated MySQL database for robust management of user profiles and job application data.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript

Backend: Spring Boot, REST APIs **Frontend:**

HTML, CSS, JavaScript

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub

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

EDUCATION

Bachelor of Technology (B.Tech) — Computer Science & Engineering

Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV), Indore

Expected Graduation: 2027

CGPA: 6.81 / 10

CERTIFICATIONS

- Cloud Computing — NPTEL
- Soft Computing — NPTEL
- Introduction to Python — Infosys Springboard

ACHIEVEMENTS

- Runner-Up, Shot Put — Annual School Athletic Meet
- Participant, National Children's Science Congress

LANGUAGES & INTERESTS

Languages: English, Hindi

Interests: Cricket, Chess, Travelling