Gagan Pandey
SOFTWARE ENGINEER

New Delhi, India 8178165553
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Portfolio in LinkedIn GitHub Leetcode Codeforces

PROFESSIONAL SUMMARY

Backend-focused Full-Stack Developer skilled in **Java, Spring Boot, and** React.js, with strong experience in RESTful API development, database design, and scalable system architecture. Passionate about building secure, high-performance applications and continuously learning new technologies.

SKILLS

- Spring Boot • Java • Microservices • Hibernate • Spring Data JPA • Spring Security • Spring AI • HTML • CSS
- React.js • SQL • Git • CI/CD • Kubernetes • Redis • MongoDB • PostgreSQL • REST APIs • Docker • AWS
- Multi-threading • Data Structures and Algorithms • OOP (Object-Oriented Programming) • Linux

WORK EXPERIENCE

Vaultofcodes November 2025 – January 2026
Java Intern Delhi, India

- Designed and developed scalable backend applications using **Java** and **Spring Boot**, implementing clean architecture and best practices.
- Built and exposed **RESTful APIs** to handle core business logic, request validation, and data processing.
- Tested APIs using **Postman** and followed proper HTTP status codes and REST standards.

PERSONAL PROJECTS

Zap URL - Scalable URL Shortener GitHub Link

- Engineered a **scalable URL shortener** using **Spring Boot**, PostgreSQL, Redis, and Nginx, capable of handling **1,000+ requests.**
- Integrated **Redis caching** to reduce database queries by 70%, improving response time by 50%.
- Enforced **rate limiting** with IP-based throttling (10 requests/min per user) to prevent abuse and ensure fair usage.
- Deployed with **Docker and Nginx-based** load balancing, enabling seamless performance across 10+ concurrent instances.
- **Dockerized microservices** architecture to support auto-scaling and high availability under high traffic loads.

Cloud Share: Full-Stack File Sharing App GitHub Link

- Built a file sharing app with **React, Spring Boot, Spring Security, MongoDB,** and **Clerk Authentication**.
- Designed and implemented **RESTful APIs** for user authentication, file upload/download, access control, and sharing permissions**.**
- Developed a responsive and user-friendly UI, enhancing recruiter and applicant engagement and improving platform adoption by **40%.**

AI Help Desk Ticket Management System GitHub Link

- Built an AI-powered Help Desk Ticket Management System using Spring Boot, handling issue reporting, ticket tracking, and status management**.**
- Developed REST APIs for ticket creation, updates, and duplicate detection, following a clean layered architecture for scalability and maintainability.

EDUCATION

Jagan Institute of Management Studies (JIMS) August 2022 – July 2025
Bachelor of Computer Applications (BCA) 8.4 CGPA

Indira Gandhi National Open University (IGNOU) August 2025 – Present
Master of Computer Applications (MCA)

ACHIEVEMENTS

- Solved over **300+ programming questions** on coding platforms, demonstrating dedication to improving programming skills.