Anshpreet Singh

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in LinkedIn | ⌗ GitHub

SKILLS

Languages: Java, SQL, C
Frameworks & Tools: Spring Boot, Spring Security, Spring AI, Keycloak, Docker, Swagger (OpenAPI), Git, Maven
Cloud & Deployment: PostgreSQL, Cloudinary, Render, Netlify, Koyeb
Other: REST APIs, OAuth2, CI/CD Concepts, Basic System Design
Certifications: HackerRank – Java (Intermediate), SQL (Basic)

EDUCATION

PCTE Institute Of Engineering and Technology, Punjab   July 2024 – May 2028
B.Tech. in Computer Science Engineering
CGPA: 8.3 (Current)

Academic Achievements:
- Scored **96%** in CBSE Class 12th (2024)
- Scored **94.6%** in CBSE Class 10th (2022)

PROJECTS

ChatVault - Secure Real-Time Chat App [Live | Code]
- Developed a full-stack chat platform with real-time messaging via WebSockets and secure auth using Keycloak.
- Structured chat storage in PostgreSQL and media offloading on Cloudinary for better scalability.
- End-to-end deployed using Docker across Render (backend), Netlify (frontend), and Koyeb (Keycloak).
- Documented all endpoints using Swagger 3.0 for API transparency.
- **Stack:** Spring Boot, Angular, Keycloak, WebSocket, PostgreSQL, Cloudinary, Docker, Swagger

JobNest - Role-Based Job Portal Backend [Docs | Code]
- Created a modular job platform backend with advanced RBAC using Keycloak realms and scopes.
- Designed a feature-based Spring Boot architecture and optimized PostgreSQL schema for performance.
- Implemented production-grade CI-ready backend with full Dockerization.
- **Stack:** Spring Boot, PostgreSQL, Keycloak, Docker

ReplyWise - AI-Powered Email Assistant (Browser Extension) [Live |Code]
- Built an AI email reply engine using **Gemini 2.0 Flash** via **Spring AI**, returning tone-based summaries and responses tailored to professional tone and prompt intent.
- Architected a RESTful backend with custom DTOs, validation, and global error handling in Spring Boot.
- Designed a **glassmorphism UI** and deployed as a working **Firefox extension**.
- **Stack:** Spring Boot, Spring AI, Gemini Flash, REST API, JS, HTML/CSS, Firefox Add-ons

ACHIEVEMENTS

- 500+ total GitHub commits; 410+ commits in **2025 alone** (as of June) across full-stack and AI projects.
- Delivered 3 production-grade applications in 1st year, all with full deployment, API documentation, and real-world usage scenarios.
- Actively solving DSA problems on LeetCode (NeetCode roadmap), targeting core interview prep by July 2025.