Aryan Mehra

Amritsar, Punjab — 7740093933 — aaryan0939@gmail.com — linkedin.com/in/aryan-mehra

Professional Summary

Final-year B.Tech Computer Science student specializing in Java Full Stack development with strong hands-on experience in creating secure, scalable, API-driven applications using Spring Boot, JWT, Spring Security, MySQL, and React. Proven ability to architect enterprise-grade backend systems, integrate responsive frontends, and deliver production-ready full-stack solutions.

Education

B.Tech in Computer Science Engineering 2022 – 2026
Amritsar Group of Colleges (AGC), Amritsar

Experience

Java Full Stack Developer Trainee, Industrial Training Program, Noida 6 Months

- Engineered and deployed 20+ RESTful APIs using Spring Boot, Spring MVC, and Spring Data JPA to handle authentication, job management, and order workflows.
- Structured and maintained 8+ normalized MySQL tables managing 5,000+ records with optimized joins, indexing, and transactional consistency.
- Configured JWT-based authentication and role-based access control for 3 distinct user roles using Spring Security.
- Established service-layer validation, centralized exception handling, and logging mechanisms to enhance API reliability and traceability.
- Integrated 10+ React UI screens with backend services supporting registration, job posting, job applications, cart, checkout, and order processing.
- Applied Git, GitHub, Postman, and Agile practices to version, test, debug, and deliver stable, production-ready software modules.
- Participated in requirement analysis, system design discussions, and code reviews to improve application quality and scalability.

Projects

E-Commerce Web Application

- Designed and launched a full-stack commerce platform hosting 500+ products with intelligent search, category filtering, and customer reviews.
- Orchestrated cart management, secure checkout, coupon processing, order history, and automated invoice and bill generation.
- Architected an admin dashboard for product management, inventory control, order tracking, and sales analytics.
- Enabled automated email notifications for order confirmation and delivery updates through backend event handling.

Online Job Portal System

- Architected a 3-module recruitment platform (Admin, Employer, Job Seeker) serving 100+ users and managing 50+ job postings with secure JWT-based authentication.
- Empowered employers to publish jobs, evaluate applications, shortlist candidates, and manage recruitment workflows.
- Devised advanced job discovery with keyword filtering, pagination, and real-time job applications for job seekers.
- Deployed an admin dashboard enabling analytics, user control, job moderation, and system-wide governance with automated email alerts.

Technical Skills

Languages: Java, JavaScript
Backend: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, REST APIs, Spring Security, JWT
Frontend: React.js, HTML5, CSS3, Bootstrap
Database: MySQL
Tools: Git, GitHub, Postman, Eclipse
Concepts: OOPS, MVC, Layered Architecture, API Development, Authentication, Pagination, Debugging

Achievements

- 1st Place – Mr. Handsome (Freshers Competition)
- Student Coordinator and Anchor for 5+ PACS Society Youth Fest events
- Winner and finalist in 3+ coding competitions