

Vansh Batham

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EDUCATION

Master of Computer Applications (MCA)

Medi-Caps University, Indore

2024 – 2026

Bachelor of Computer Applications (BCA)

Medi-Caps University, Indore

2021 – 2024

XII, CBSE

La Sagesse Academy, Rau

2021

TECHNICAL SKILLS

Languages

Java, SQL

Frameworks

Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate

Database

MySQL, Redis

Tools

Git, GitHub, Maven

PROJECTS

E-Commerce Platform

Java, Spring Boot, Spring MVC, Spring Data JPA, Spring Security, MySQL

- Developed a production-ready E-Commerce backend using Spring Boot, implementing 20+ REST APIs for users, products, categories, cart, orders, and payments.
- Implemented custom authentication and role-based authorization using Spring Security, securing 3 user roles (Admin, Seller, Customer).
- Designed and managed complex JPA entity relationships (One-to-Many, Many-to-Many), with validations and global exception handling across all modules.
- Built scalable APIs with pagination and sorting to handle 1,000+ product records, documented endpoints using Swagger/OpenAPI.

Authentication Service

Java, Spring Boot, Spring MVC, Spring Security, JWT, OAuth2, JPA, MySQL

- Designed and developed a production-grade authentication service supporting email/password and OAuth2 login (Google, GitHub) for 10+ secured application flows.
- Implemented JWT-based authentication with access and refresh tokens, including refresh token rotation, securing 25+ protected endpoints.
- Integrated Role-Based Access Control (RBAC) to enforce fine-grained authorization across admin and user APIs.
- Built secure authentication workflows using Spring Security, password hashing, HTTP-only cookies, and centralized exception handling.

CERTIFICATIONS

J.P. Morgan - Software Engineering Job Simulation - Forage

AWS Fundamentals Specialization - Coursera

Java Spring Boot: Professional eCommerce Project Masterclass - Udemy