






# Vansh Batham

 [vanshbatham.pro@gmail.com](mailto:vanshbatham.pro@gmail.com)    +91) 7748982863    Indore, Madhya Pradesh, India - 452001

 [linkedin.com/in/vanshbatham](https://linkedin.com/in/vanshbatham)    [github.com/vanshbatham](https://github.com/vanshbatham)

## EDUCATION

<b>Master of Computer Applications (MCA)</b> <i>Medi-Caps University, Indore</i>	2024 – 2026
<b>Bachelor of Computer Applications (BCA)</b> <i>Medi-Caps University, Indore</i>	2021 – 2024
<b>XII, CBSE</b> <i>La Sagesse Academy, Rau</i>	2021

## TECHNICAL SKILLS

<b>Languages</b> Java, SQL	<b>Frameworks</b> Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate
<b>Database</b> MySQL, Redis	<b>Tools</b> Git, GitHub, Maven

## PROJECTS

<b>E-Commerce Platform</b>  <i>Java, Spring Boot, Spring MVC, Spring Data JPA, Spring Security, MySQL</i> <ul style="list-style-type: none"><li>Developed a production-ready E-Commerce backend using Spring Boot, implementing 20+ REST APIs for users, products, categories, cart, orders, and payments.</li><li>Implemented custom authentication and role-based authorization using Spring Security, securing 3 user roles (Admin, Seller, Customer).</li><li>Designed and managed complex JPA entity relationships (One-to-Many, Many-to-Many), with validations and global exception handling across all modules.</li><li>Built scalable APIs with pagination and sorting to handle 1,000+ product records, documented endpoints using Swagger/OpenAPI.</li></ul>
<b>Authentication Service</b>  <i>Java, Spring Boot, Spring MVC, Spring Security, JWT, OAuth2, JPA, MySQL</i> <ul style="list-style-type: none"><li>Designed and developed a production-grade authentication service supporting email/password and OAuth2 login (Google, GitHub) for 10+ secured application flows.</li><li>Implemented JWT-based authentication with access and refresh tokens, including refresh token rotation, securing 25+ protected endpoints.</li><li>Integrated Role-Based Access Control (RBAC) to enforce fine-grained authorization across admin and user APIs.</li><li>Built secure authentication workflows using Spring Security, password hashing, HTTP-only cookies, and centralized exception handling.</li></ul>

## CERTIFICATIONS

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

AWS Fundamentals Specialization - Coursera

Java Spring Boot: Professional eCommerce Project Masterclass - Udemy