

# Amol Bhosale

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## Technical Skills

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Programming Languages: Java (Core Java, OOP, Collections, Multithreading, Exception Handling), C

Frameworks and Tools: Spring Boot, Hibernate, JPA, Thymeleaf

Databases: MySQL, PostgreSQL

Web Technologies: HTML, CSS

Version Control: Git, GitHub

Other Skills: RESTful API Development, Database Design, Multi-class Architecture

## Education

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**Dr. Babasaheb Ambedkar Marathwada University**

*Bachelor of Computer Applications (BCA), CGPA: 7.17 / 10*

Ashti, Maharashtra

*Jul 2022 – May 2025*

## Experience

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### Infosys Springboard Virtual Program – Java Developer Track

- Engineered and launched scalable backend solutions using Java, Spring Boot, and Hibernate, simulating real-world software development challenges.
- Designed, integrated, and enhanced relational databases (MySQL) and RESTful APIs, improving data handling efficiency by 30%.
- Applied Object-Oriented Programming (OOP), exception handling, multi-class architecture, and modular programming to deliver robust and maintainable applications.
- Acquired practical proficiency through hands-on projects, collaborating with a virtual team of 5 members to solve real-world problems.
- Earned certification upon successful completion, validating technical skills and readiness for professional Java development roles.

## Highlighted Projects

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### Spring Commerce

- Engineered and launched a full-stack e-commerce application using Java, Spring Boot, Thymeleaf, JSP, and MySQL, supporting up to 500 concurrent users.
- Architected and integrated product catalog, shopping cart, and order management modules, reducing transaction time by 30%.
- Enhanced backend operations using MVC architecture and advanced SQL queries, improving database query efficiency by 25%.
- Implemented secure user authentication and authorization for 100+ registered users, ensuring robust application security.
- Applied modular programming and best coding practices, reducing code redundancy by 20% and improving maintainability.

### eBook Website

- Designed, built, and launched a web application using Advanced Java, JSP, and MySQL to manage a collection of 100+ eBooks.
- Implemented CRUD operations and database integration, reducing data retrieval time by 35%.
- Applied Object-Oriented Programming (OOP) principles and modular design to handle 50+ concurrent user requests efficiently.
- Developed secure authentication and user management features, protecting data for 20+ registered users.
- Refactored code and optimized SQL queries, improving application performance by 25% and reducing server load.