

Ayush Johari

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Technical Skills

Languages: Java | JavaScript | TypeScript | SQL

Databases and Libraries: MySQL | OracleSQL | Git

Core Skills: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), System Design

Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science & Technology | CGPA: 8.02

Bhopal

September 2021 – 2025

Projects

[Online Book Store](#) | Java Servlet, JSP, Bootstrap, MySQL |

- Developed a dynamic online book store using Java Servlet, JSP, Bootstrap, and MySQL, integrating user authentication, product catalog, and order management with optimized database queries for 40% faster data retrieval.
- Designed a responsive UI with Bootstrap for seamless cross-device browsing and implemented a shopping cart with session management, enhancing user experience and efficiency.
- Built a secure checkout system with order tracking and payment gateway integration, reducing transaction time by 20%, while improving database scalability to support a 25% increase in book inventory.

[Student Management System](#) | Java, MySQL, JSP, Servlet, Bootstrap |

- Developed a Student Management System using Java Servlets, JSP, and MySQL, allowing administrators to add, update, delete, and view student records efficiently.
- Designed a user-friendly and responsive UI with Bootstrap, ensuring smooth navigation and accessibility across devices.
- Implemented secure authentication and role-based access for admins and students, optimizing database queries for faster data retrieval and management.

Work Experience

[NOI Technologies, Jaipur](#) | Web Developer Intern

July 2024 – September 2024

- Developed and customized enterprise business applications using Moqui Framework and Java, improving operational efficiency for clients.
- Implemented load balancing to ensure high availability and reliability for 50,000+ users and optimized MySQL queries for 20% better performance.
- Designed and deployed responsive UIs with Bootstrap, enhancing the user experience across different devices.

Certification

- [Applied Machine Learning in Python](#) – Earned through the Coursera platform, gaining expertise in machine learning techniques, data preprocessing, model evaluation, and implementation using Python libraries such as Scikit-Learn.
- [Data Structures & Algorithms](#) – Completed from Neo Foundation, enhancing algorithmic problem-solving and efficient data structure implementation.
- [AWS Certified Cloud Practitioner](#) – Achieved from Amazon, validating proficiency in AWS cloud fundamentals, security, and best practices.