

Mohammad Shahbaz

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SUMMARY

Java Backend Developer (Fresher) with hands-on project experience in Spring Boot, JDBC, REST APIs, and MySQL. Strong foundation in DSA and OOP principles with a passion for building scalable backend applications and secure authentication systems.

PROJECTS

Student Management System (Java, JDBC, Collections)

- Developed a Java-based Student Management System handling 1,000+ student records with optimized CRUD operations, reducing data retrieval time by 30%.
- Integrated JDBC to connect with a relational database, ensuring secure and efficient data persistence.
- Designed report generation and filtering features to retrieve structured student records efficiently.

Smart Bank Solution (SBS) (Java, JSP, JavaScript, MySQL)

- Developed a full-stack banking application using Java, JSP, JavaScript, and MySQL, implementing core banking workflows.
- Built backend modules using JDBC and MVC architecture for account management, fund transfers, and transaction processing.
- Implemented secure authentication, authorization, and session management for customer and admin roles.

EXPERIENCE

Java Backend Training, *Techpile Technology Pvt. Ltd.*

07/2024 – 09/2024

- Architected 10+ RESTful APIs using Spring Boot, improving request processing efficiency by 25% through optimized validation and exception handling. Implemented JWT-based security with fine-grained access control.
- Structured and validated API request/response flows with proper input validation and exception handling to ensure data integrity.

Digital Forensics Internship, *NASSCOM (May 2024)*

- Assisted in threat detection and incident response by analyzing system and network logs.
- Performed digital forensic investigations to identify security breaches and suspicious activities.
- Collected and preserved digital evidence while maintaining data integrity.
- Prepared investigation reports with findings and recommended security measures.

SKILLS

Programming Language

Core Java, Advanced Java, DSA

Backend Technologies

JSP, J2EE, Servlets, REST APIs, Multithreading, Executor Framework, OOP, Collections, JDBC

Database

MySQL, SQLPLUS, Postgres

Web Technologies

HTML, CSS, JavaScript, Angular

Frameworks

Spring Boot, Spring MVC, Hibernate, Spring Security, Microservices, Kafka

Tools

Git, GitHub, Eclipse, IntelliJ IDEA, VS Code, Postman

EDUCATION

B.Tech | CGPA: 6.36 / 10.0, Dr A.P.J Abdul Kalam Technical University

2021 – 2025
Lucknow Uttar Pradesh

Intermediate | Percentage: 50 / 100, MAA SHARDA I C KERMA AZAMGARH

2017 – 2018
Uttar Pradesh

High School - Percentage: 73.3 / 100, ASHRAFIA INTER COLLEGE, MUBARAKPUR, AZAMGARH

2015 – 2016
Uttar Pradesh

Certificates

- Legrand Powerup Training Program-Legrand

- Summer Training, Java Backend Developer – Techpile Technology Pvt, Ltd

- Digital Forensics – IT-ITeS SSC NASSCOM