

MOHAMMAD TALIB UDDIN

Backend Developer — Bhopal, MP

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Education

SAM College Of Engineering and Technology

Bachelor of Technology in Computer Science

Sep. 2021 – May 2025

Bhopal, MP

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Affy Cloud IT Solutions

Feb 2024 – Present

Backend Developer Intern

Bhopal, MP

- Developed and maintained RESTful APIs using Java and Spring Boot, enhancing backend solutions for various web applications, resulting in a 15% increase in response time efficiency.
- Designed and optimized MySQL databases, including schema design, indexing, and query optimization, improving data retrieval efficiency by 20%.
- Created APIs using Django for specific project requirements, resulting in a 30% reduction in development time.
- Collaborated with a team of 5 frontend developers to define API requirements, ensuring seamless integration and reducing integration issues by 25%.
- Implemented authentication and authorization mechanisms using JWT and OAuth2, enhancing API security and reducing unauthorized access by 40%.
- Monitored and improved application performance using Spring Boot Actuator and New Relic, identifying and resolving performance bottlenecks to enhance application speed by 15%.
- Contributed to Agile development processes, including sprint planning, daily stand-ups, and retrospectives, improving team productivity by 10%.

Projects

Social Media Application | *Java, Spring Boot*

Dec 2023

- Developed a Social Media Application backend using Spring Boot and MySQL, providing features for user management and post creation, handling over 10,000 user accounts.
- Implemented OOP practices such as inheritance to create different account types and databases, improving code reusability and maintainability.

Institute Management System | *Spring Boot, MySQL, Angular*

Feb 2024

- Implemented backend functionality with Spring Boot for robust data processing, integrating MySQL for secure data storage and handling over 5,000 student records.
- Designed user interfaces using Angular to enhance user experience and accessibility, improving user satisfaction by 25%.
- Features include student and faculty record management, attendance tracking, course management, and user authentication, reducing manual workload by 50%.

Mechanic Software | *Spring Boot, MySQL*

April 2024

- Created a web application using Spring Boot and MySQL to find the nearest mechanic, processing user input for vehicle requirements, reducing service time by 30%.
- Provided various services like periodic maintenance, AC services, and emergency service based on user input, increasing user satisfaction by 20%.

Technical Skills

Languages: Java, Python, HTML/CSS, MySQL, C++ (beginner)

Developer Tools: Spring Tool Suite, Eclipse, IntelliJ IDEA, VS Code, GitHub

Frameworks: Spring Boot, Spring Framework, RESTful APIs, Django, Django REST Framework

Certifications

Java Training

Nov 2022

Saksham Digital Technology

Java Course - Mastering the Fundamentals

Sept 2023

Scaler

Blockchain Builder

March 2024

FITT-IITD