

# Mohammad Talib Uddin

Software Developer Engineer

☎ +91-7725050626 ✉ talib.uddin626@gmail.com 📍 Bhopal, Madhya Pradesh  
🌐 linkedin.com/in/dz-txlib 🐙 github.com/mohammadtalibuddin

## Professional Summary

Detail-oriented and highly motivated Computer Science graduate with a strong foundation in software development, data structures, and object-oriented programming. Proficient in Java and Python, and web technologies with hands-on experience in building robust backend systems using Spring Boot, Django REST Framework, and Microservices. Adept at working in Agile environments, collaborating in team settings, and delivering high-quality, scalable backend solutions. Certified in Java and Blockchain development, with a continuous learning mindset, strong communication skills, and a proven ability to collaborate in cross-functional teams.

## Work Experience

### Affy Cloud IT Solutions

March 2024 – March 2025

*Software Engineer Intern*

- Built and maintained scalable backend services using **Java Spring Boot Microservices** and assisted in developing REST APIs with **Python Django**, accelerating product delivery.
- Contributed to the design of modular and reusable services, improving maintainability and reducing development time by 25%.
- Developed secure **JWT-based authentication and role-based access control (RBAC)** for multi-tenant applications, strengthening data security.
- Wrote optimized SQL queries and improved schema design in **MySQL** and **PostgreSQL**, leading to up to 30% faster query execution.
- Collaborated with QA and frontend teams to deliver end-to-end features, ensuring high-quality, bug-free releases.

### Affy Cloud IT Solutions

April 2025 – Present

*Software Engineer*

- Architected and delivered enterprise-grade backend solutions leveraging **Spring Boot Microservices**, handling high concurrency and large-scale data.
- Led the **API-first development strategy** with **OpenAPI/Swagger**, enabling seamless frontend integration and cutting integration issues by 40%.
- Enhanced application performance by implementing **Spring Boot Actuator** monitoring and proactive bottleneck resolution, improving response times under peak traffic.
- Debugged production issues and optimized existing microservices, improving reliability and reducing downtime.
- Implemented **versioned APIs, centralized error handling, and comprehensive documentation**, ensuring backward compatibility and developer-friendly APIs.
- Collaborated with cross-functional teams (PMs, QA, frontend, and DevOps) to deliver business-critical features, improving customer satisfaction metrics.
- Mentored interns and junior developers on **clean code, test-driven development (TDD)**, and best practices in microservice design.

## Projects

### EFFERVESCENT-CLASSES | [web.effervescentclasses.com](http://web.effervescentclasses.com)

- Developed a comprehensive **Learning Management System (LMS)** with role-based access for **Admins, Teachers, and Students**, enabling structured course creation, management, and enrollment.
- Implemented robust **admin functionalities** to **create, update, delete, activate, and deactivate** teachers and courses, ensuring precise access control.
- Designed a **hierarchical course structure**, where courses follow predefined types and visibility rules, ensuring students can access content according to their eligibility.
- Supported multiple course formats, including **Live Classes, Recorded Sessions, or a combination**, dynamically adjusting pricing based on the selected type.
- Developed an integrated **e-commerce system** for educational content, allowing students to **purchase courses, eBooks, and tests** while also accessing free learning materials.
- Enabled students to **access purchased courses and track progress** through a personalized dashboard with attendance and performance insights.
- Optimized system performance with efficient database management, caching mechanisms, and a scalable architecture to handle large volumes of content and users.

### WhatARecruiter - Recruitment Management System |

- Developed **WhatARecruiter**, a third-party recruitment management system, designed to seamlessly integrate with existing HRMS platforms, optimizing and automating recruitment workflows.

- Engineered a flexible **job requisition management system**, allowing companies, admins, and hiring managers to create, approve, and publish job openings with automated workflows.
- Implemented AI-driven **resume parsing** to extract and structure candidate data (e.g., name, email, phone, experience) from submitted resumes, enhancing candidate tracking and reducing manual data entry.
- Designed a **role-based access control system (RBAC)** that defines distinct permissions for various user roles, including Company, Admin, Recruiter, and Hiring Manager, ensuring tailored access to system features.
- Created a detailed **candidate tracking system**, enabling recruiters to review applications, track candidate statuses (pending, approved, rejected), and manage interview stages (technical, HR, etc.).
- Implemented a user-friendly interface for candidates to submit resumes, allowing the AI to extract key data, with an option for candidates to update their information as needed.
- Optimized system performance and scalability, ensuring efficient management of job requisitions, candidate applications, and user interactions within the platform.

**T-RACK - Ticketing Tool Application** | t-racktool.com

- Developed a **centralized ticketing platform** for project management, enhancing team collaboration and issue tracking.
- Built a **customizable ticket system** with dynamic priority levels, real-time updates, and automated notifications.
- Implemented **real-time tracking** and alerts, ensuring smooth ticket progress and priority-based adjustments.
- Architected the platform for complex workflows, including **ticket escalation, SLA tracking, and team-specific management**.
- Integrated **RBAC security policies** to ensure access control and data protection for different user roles.
- Optimized MySQL queries for high-volume ticket management, reducing database latency and improving response times.

**TARHAAB - E-Commerce Platform** | tarhaab.com

- Developed an **end-to-end e-commerce solution**, including product browsing, cart management, and secure checkout.
- Built an **admin panel** for streamlined product and order management, customer account handling, and promotional updates.
- Integrated **Razorpay payment gateway** for secure transactions, with automated confirmation and order processing.
- Automated shipment tracking and order fulfillment using **Shiprocket API and webhooks**.
- Optimized backend performance by implementing **caching, indexing, and database query improvements**.
- Developed an **analytics dashboard** providing insights into total sales, daily trends, and product performance.

**Technical Skills**

<b>Languages:</b> Java, Python	
<b>Frameworks:</b> Spring Boot, Spring Data JPA, Microservices, Django REST Framework	
<b>Databases:</b> MySQL, PostgreSQL	
<b>Tools:</b> Git, Postman, Swagger, IntelliJ IDEA, VS Code	
<b>Operating Systems:</b> Linux (Ubuntu, Mint), Windows	
<b>Middleware / Deployment Tools:</b> Apache Tomcat, Nginx, Docker (basic)	
<b>Concepts:</b> RESTful APIs, JWT, Agile Methodologies	

**Education**

<b>Bachelor of Technology in Computer Science</b>	<b>August 2021 – May 2025</b>
<i>SAM College Of Engineering and Technology</i>	<i>Bhopal, MP</i>

**Certifications and Achievements**

<b>Java Programming: Foundations and Core Principles</b>	<b>Jan 2024</b>
<i>Certificate of Achievement</i>	
<b>Java Programming: Mastering the Fundamentals</b>	<b>Sep 2024</b>
<i>Certificate of Excellence</i>	
<b>Blockchain Development: Building Robust Solutions</b>	<b>Mar 2024</b>
<i>Certificate of Completion</i>	