

Md. Talal Wasim

Software Engineer

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🌐 LinkedIn 🐙 GitHub 📅 16-10-1994 🏠 HackerRank 🔗 Portfolio 🎧 Medium

Education

JAHANGIRNAGAR UNIVERSITY [🔗](#) 2019
MSc. Computer Science & Engineering Dhaka, Bangladesh
• CGPA: 3.48

AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH [🔗](#) 2017
BSc. Computer Science & Engineering Dhaka, Bangladesh
• CGPA: 3.63

Professional Experience

Unisoft System Limited a concern of Smart Technologies (BD) Ltd. [🔗](#) 11/2025 – Present
Software Engineer Dhaka

Project: Collection & Recovery Management System (CRMS) – Prime Bank

Role & Responsibilities:

- Developed and maintained backend services using **Java & Spring Boot** in a microservices architecture.
- Designed and implemented REST APIs for loan, recovery, and collection modules.
- Integrated multiple internal services using service-to-service communication.
- Worked with PostgreSQL and optimized database queries for performance.
- Implemented business logic for financial workflows and recovery processes.

Taghyeer Technologies [🔗](#) 04/2025 – Present
Java Backend Engineer Dhaka

- Maintained and enhanced 10+ microservices (User Profile, Wallet, Subscription, Business, IAM, Gateway, Media, Financial Account, Discovery, Billing) built with **Spring Boot (REST & WebFlux)** ensuring stable and optimized production systems.
- Developed and improved features including **Kafka-based event-driven communication**.
- Utilized **AWS services**: EC2, S3, RDS (PostgreSQL), Secrets Manager, ECR, CodeBuild, CodePipeline.
- Executed **Docker-based deployments** (staging and production), maintained CI/CD workflows via AWS CodePipeline + CodeBuild and ECR.
- Worked on **Reactive programming (Spring WebFlux)** to improve concurrency handling in selected modules.

- Contributed to the development of **RESTful APIs** for **120,000+ managed devices** in an **enterprise MDM system**.
- Built a **secure backend** using **Spring Boot, Spring Security, and MySQL**.
- Optimized database performance with **JPQL and Native Queries**.
- Worked with **Google Android Management API, Firebase Cloud Messaging (FCM), Google Pub/Sub**.
- **Developed and integrated RESTful APIs** to enable **real-time communication** between the **Android MDM Agent App** and the **Spring Boot backend** for **device management, content sharing, and instant notifications**.
- Implemented APIs for: Content Sharing, Instant Notifications & Messaging – Used FCM (Firebase Cloud Messaging) for free real-time messaging, Location Tracking, Device Status API

Skills

Language & Frameworks:

Java SE, Java EE, Spring Boot (REST & WebFlux), Spring Data JPA, Spring Security

Cloud & DevOps:

AWS (EC2, S3, RDS, ECR, CodeBuild, CodePipeline, Secrets Manager), Docker, CI/CD

Messaging & Resilience:

Apache Kafka, ShedLock, Resilience4j (Circuit Breaker & Retry)

Tools:

Git, Bitbucket, Postman, Linux, Apache Tomcat, Firebase, Google Pub/Sub, JWT

WebTech:

REST APIs, Thymeleaf, JSON

Databases:

PostgreSQL, MongoDB, Redis, MySQL

Projects

Dream Emirates (Microservices Ecosystem)

- Part of backend engineering team maintaining & enhancing 10+ microservices (User Profile, Wallet, Subscription, Business, IAM, Gateway, Media, Financial Account, Discovery, Billing) built with Spring Boot (REST & WebFlux).
- Worked on Kafka-based event-driven communication, Redis caching, Resilience4j-based fault tolerance, ShedLock schedulers, and AWS CI/CD deployments.

MobiManager - Mobile Device Management (MDM) [🔗](#)

- Contributed to the development of **MDM solution** managing **120,000+ devices**.
- Created **RESTful APIs** for **device policies, remote actions, app installations**.
- Integrated **Android MDM Agent App** for **real-time monitoring**.

Certificates

CERTIFICATIONS

- Learning Java - LinkedIn [🔗](#)
- Programming Foundations: Databases - LinkedIn [🔗](#)
- Java (Basic) - HackerRank [🔗](#)
- Java Certificate - sololearn [🔗](#)