

# Md. Hossain

Dhaka-1000, Bangladesh

[husayn.buet@gmail.com](mailto:husayn.buet@gmail.com) | [github.com/best-rion](https://github.com/best-rion) | [linkedin.com/in/best-rion](https://linkedin.com/in/best-rion)

## SUMMARY

Junior Backend Engineer with 1 year of hands-on experience building scalable production systems using Java and Spring Boot. Delivered 10+ REST APIs, dynamic PDF generation, calendar booking, Keycloak authentication, and Kafka notifications in a fully remote environment. Strong fundamentals in REST, JPA, transactions, and performance optimization. Seeking remote Junior Backend roles.

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript

**Frameworks:** Spring Boot, Spring MVC, Spring Data JPA

**Databases:** MySQL, PostgreSQL

**Tools:** Git, Docker, Linux

**Other:** REST APIs, JWT/Auth, WebSocket, RBAC, Transactions, Indexing, Data Structures & Algorithms, OOP, System Design, Kafka

## PROFESSIONAL EXPERIENCE

### Backend Developer (Remote)

**Brinklift Immigration Service — Nepean, Ontario, Canada | 1 Year**

- Built and maintained 10+ REST endpoints in production; optimized request-response entities and simplified business logic for faster processing
- Implemented dynamic PDF agreement generation with conditional logic, custom design (fonts, colors, images), and automated emailing
- Built calendar slot creation, booking, and management features (frontend & backend) with input validation and business logic
- Handled data migration and modularized database schemas; implemented transactions, constraints, and indexing for performance
- Implemented authentication using Keycloak (role-based access control, token refresh) and handled input validation/sanitization
- Managed Kafka-based email notifications
- Collaborated on frontend page creation, input validation, and business logic integration

## PROJECTS

### Scale — Web-based Measurement Tool (JavaScript)

- Web tool for measuring lengths, radii, and angles from mechanical part images with image calibration
- Built separate Phone/Desktop versions optimized for touch and mouse
- Focused on precision, usability, and performance in browser-based measurement workflows

### Social Media Platform (Full-stack)

- Built scalable social media app with Spring Boot backend and React + TypeScript frontend
- Implemented JWT authentication, real-time messaging with WebSocket, and REST APIs for posts/comments/likes
- Emphasized backend scalability, concurrency, and clean API contracts

## EDUCATION

### Bangladesh University of Engineering and Technology (BUET), Dhaka-1000

BSc in Mechanical Engineering

*January 2022 – September 2026 (Expected)*

## STRENGTH

- Self-motivated & disciplined remote worker
- Excellent problem-solving & quick learner
- Strong ownership of features from design to production
- Effective communicator in distributed teams

## TARGET ROLE

Junior Backend Engineer (Java / Spring Boot) | Open to remote and international opportunities