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Towfiqul Islam

Senior Software Engineer

TECHNICAL SKILLS

Programming Languages: Java (Spring Boot), PHP (Laravel), C/C++ with STL, Python, JavaScript, Bash

Frameworks & Libraries: Spring Boot, Laravel (LAMP Stack), React, Spring MVC, Spring Security, Spring Integration, Spring SFTP, Apache Camel, Feign Client, Rest Template, jQuery

Testing: JUnit, TestNG, Postman, Rest Assured

Build Tools: Maven, Gradle, Composer

Databases: MySQL, Oracle, DynamoDB, PostgreSQL, Cassandra, Spring Data, Spring JDBC Template, JPA, Hibernate

Servers & Deployment: Apache, Tomcat, GlassFish, Docker, Jenkins, Kubernetes, AWS CLI, Ansible

Cloud & DevOps: AWS, Azure DevOps, Firebase, Git Actions

Security & Authentication: OAuth2, JWT, KeyCloak

Methodologies & Tools: Agile (Scrum), JIRA, GIT, Linux, Windows

Message Queues: Kafka, RabbitMQ, Active MQ, AWS SNS, AWS SQS

Other Technologies: Redis, GraphQL, Thymeleaf, Web3J, IoT Protocols (MQTT, CoAP, SNMP), WebSocket, Google Analytics

EDUCATION

B.Sc. in Computer Science & Engineering
International Islamic University Chittagong (IIUC)
2014 - 2019

AWARDS

Team Award as Coach - IIUC IUPC 2017

Team Award as Coach - EDU Programming Contest 2018

CSE Week Programming Contest 2016

Competitive Programming

PROFESSIONAL SUMMARY

Accomplished Senior Software Engineer with expertise in designing and delivering scalable enterprise solutions. Specialized in Java Spring Boot ecosystem, microservices architecture, and cloud technologies. Proven track record of impactful contribution in high-impact projects for fintech and IoT domains, mentoring engineering teams, and driving technical excellence. Passionate about clean code, system design, and continuous learning.

WORK EXPERIENCE

Senior Software Engineer — *May 2024 - Current*

Exabyting - Dhaka, Bangladesh

- Contributed in architecture design and implementation of microservices for bK-MFS's core payment platform handling millions of daily transactions
- Mentor and guide team of junior engineers on best practices, code reviews, and technical decisions
- Design and implement scalable REST APIs using Spring Boot, ensuring high availability and performance optimization

Software Engineer — *November 2021 - April 2024*

SELISE - Zürich, Switzerland

- Responsible for defining & developing software for tasks associated
- Develop enhancements to existing products
- Collaborate in a team environment to share best practices

KEY PROJECTS

Tesenso MW — Java (Spring Boot), PostgreSQL, Cassandra, TimescaleDB

FDPS — Java (Apache Camel), Kafka, Active MQ

Urstamm — Java 11, Spring Boot, Web3J, PostgreSQL

Agent App MW — Java (Spring Boot), DynamoDB, AWS, Firebase