

EIALID AHMED JOY

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3 years of experience building robust applications using Java, Spring Boot, React, and Python. Skilled in REST API development, system design, and SQL. Experienced in Docker deployment, managing financial software projects, and **implementing microservices architectures**. Seeking a challenging role to leverage my technical expertise and contribute to innovative solutions

SKILLS

- **Programming Languages:** Java, JavaScript, Python
- **Technologies:** Spring Boot, Spring Security, Spring Cloud, Spring Data, Hibernate, JPA, Jasper Report, Apache Poi, React Js, DOM Manipulation, Maven, Git, GitHub, GitLab, Postman, Apache Tomcat, Docker, Microservices Architecture, HTML, CSS, Rest API, SOAP API , Agile/Scrum, Jira, Linux
- **Databases:** Oracle, PostgreSQL, MySQL

EXPERIENCE

Business Accelerate Bangladesh Limited Software Engineer

Dhaka, Bangladesh
Nov 2021- Feb 2024

- Developed secure and scalable banking solutions utilizing **Java/J2EE** and the **Spring Boot** framework leading to a 35% increase in transaction speed.
- Architected microservices using **Spring Cloud**, incorporating features like service registration, discovery, routing, circuit breakers, and load balancing, reduced response time by 40%, increased system availability to 99.8%
- Enhanced web application security by integrating **Spring Security** with **JWT-based authentication** enhances the security and restrict unauthorized access by 95%.
- Implemented **Cronjob Scheduler** for notifications and data synchronization from external sources brought about 20% increase in data accuracy.
- Facilitated integration with external applications through SOAP and REST APIs, employing OkHttpClient and RestTemplate, handles over **1 million API** calls every day
- Managed CI/CD pipelines with **Jenkins** and deployed applications using **Docker**, **Nginx**, and **Apache Tomcat** on **Ubuntu servers**.
- Developed and debugged dynamic frontend components using **ReactJS**, reduced page load time by 30% and enhanced user interaction by 25%
- Built and enhanced multiple frontend features for the banking system using **ReactJS**, ensuring seamless user experience and robust performance, increased a 15% sale in customer satisfaction and decreased problem reports by 60%

Business Accelerate Bangladesh Limited Software Engineer Trainee

Dhaka, Bangladesh
May 2021- Oct 2021

- Crafted complex SQL queries, functions, and procedures in **Oracle DB** and **PostgreSQL** to optimize data retrieval and reporting; designed reports leveraging **Apache POI** and **Jasper Reports**.
- Worked with business analysts and clients to deliver tailored solutions for **Workflow Systems**, **Inventory Management**, and **SWIFT transactions**.
- Adopted **Agile methodologies (Scrum)**, tracked tasks in **JIRA**, and collaborated efficiently via **Slack**.

EDUCATION

Memorial University of Newfoundland

Master of Applied Science in Software Engineering

Coursework mainly focuses on: Software Fundamentals, Software Verifications, Applied Algorithms, Advanced Computing, Databases and additional relevant coursework

NL, Canada
2023-2024

BRAC University

Bachelor of Science in Computer Science & Engineering

Coursework mainly focuses on: JAVA, OOP, Python, Data Structures, Algorithms, Machine Learning and additional related coursework

Dhaka, Bangladesh
2016-2020

PROFESSIONAL PORTFOLIOS

- **Liability & Asset Workflow System (Commercial Bank)**
 - Technologies Used: Spring Boot, React JS, Oracle, JPA, Hibernate, CRON, Validations
 - Role: Core Banking, Agent Banking, Card Management Development
- **Remittance Management System (RMS- Commercial Remittance Transaction System)**
 - Technologies Used: Microservice Architectures, Spring Cloud, API Gateway, Circuit Breaker, Spring Security, React JS, Oracle, JPA, Hibernate, Docker, Jenkins
 - Role: Microservice Architecture, API Gateway, Auth Implementation
- **Bhutan Integrated Revenue Management System (BIRMS) – Revenue System of Government of Bhutan**
 - Technologies Used: Spring Cloud, Spring Security, Microservices, Spring Boot React JS, PostgreSQL
 - Role: Microservice Architecture, API Gateway, Auth Implementation
- **Dispatch Management System**
 - Technologies Used: Java, Spring Boot, PostgreSQL, React JS, MUI
 - Role: Project Architecture, Full-Stack Implementation, Jasper Report, Apache Poi

PERSONAL PORTFOLIOS

- **Movie Ratings - Git**
 - Microservice Architecture implemented with Spring Cloud
 - Technologies: Service Discovery, API Gateway, Load Balancing, Circuit Breaker
- **SignIn Authentication System - Git**
 - Technologies: Spring Boot, Spring MVC, Spring Security, JDBC
 - Features: Role Based Access, Encrypted Password
- **Personal TODO - View Git**
 - Technologies: React JS
- **Personal Resume - View Git**
 - Technologies: HTML, CSS, Bootstrap

EXTRA CURRICULAR ACTIVITIES

- Assistant Director of Event Management, BRAC University Computer Club (2018 – 2019) CERTIFICATE
- Organized Intra University Programming Contest in BRAC University (Spring 2019) CERTIFICATE