Md. Shakibul Alam

Software Engineer | Java | Spring Boot | Angular

❀ **3.5 years of experience**   🏢 **Currently working at BRAC IT Services Limited**

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Summary

I have **3.5** years of experience specializing in **Java(Spring Boot) and Frontend(Angular)**. I have developed, maintained and guided the development of **Fin-Tech, HR Management Solution, Microservice** web applications with these frameworks. I am adept at collaborating with cross-functional teams to deliver high-quality code and achieve project goals. I am passionate about learning new technologies and continuously improving my skills.

Professional Experience

Software Engineer | BRAC IT Services Limited, Dhaka

February 2022 - Present

- Developed and maintained scalable and high-performance web applications using **Java, Spring Boot, and Angular**.
- Test Driven Development with tools like-**JUnit, Mockito**.
- Experience with caching mechanisms using **Redis**.
- Communicate with cross applications using **RabbitMQ, Spring Cloud Stream**
- Worked on the development of the **ERP** application, integrating loan modules, which is running in **3500+ offices of BRAC NGO.**
- Worked on the development of the **HR(Human Resource) and Payroll Management Solution** which is an extensive tool for managing HR tasks and Payroll, includes employee self services. I have developed these modules - salary generation, tax management, provident fund, and employee self-service functionalities and collaborating with stakeholders to meet requirements.
- Developed a **Post-Disaster Management Solution** for serving multiple NGOS.
- Developed a **Webhook Notification System** for notifying 3rd party clients. Daily more than **100k notifications** are serving within this application.
- Collaborated with front-end developers to create seamless user experiences using **Angular**.
- Conducted **Code reviews** to ensure adherence to coding standards and maintainability.
- Actively participated in **Agile** development methodologies, contributing to sprint planning, feature development estimation, daily stand-ups, and retrospectives.
- Responsible for initiating and coordinating regular **Live release communication** across the team.
- Conducted **Technical sessions** to share knowledge and updates with the development team.
- Provided **guidance and support** to junior team members, fostering a collaborative and learning environment.

Technical Skills & Tools

Category	Skills & Tools
Languages	Java, TypeScript, SQL
Frameworks and Technologies	Spring Boot, Angular, Hibernate, Webhook Notification, Spring Cloud Stream, Docker, Gradle
Queue	RabbitMQ
Testing Tool	JUnit, Mockito, Postman
Databases	PostgreSQL, MySQL, MongoDB, ElasticSearch, Redis, Firebase Firestore, Storage Database(MinIO)
DB Migration Tool	Flyway

Category	Skills & Tools
Version Control	Git, GitLab, GitHub
Others Tools	Linux, IntelliJ IDEA, ELK Log Monitoring, Jira,

Projects

Project	Description / Modules	Links
✔ **ERP (Fintech Solution)**	Worked on: • Microfinance Module • KYC Form • Integrating digital mode of payments eg. Banking System, Mobile Wallet Systems • Webhook notification system • Data Deduplication technology	
✔ **Inventory Management System (Microservice)**	I have developed a hobby microservice project - **Inventory Management**, which includes: user-service, product-service, order-service, inventory-service.	Github Repository
✔ **Human Resource Management and Payroll Solution**	Developed modules: Employee Management, Attendance, Leave, Payroll, Procurement, Salary generation, Tax management, Provident fund management, Final Settlement management, Self-Services and PDF Report.	

Education

Degree	Institution & Year	Details
Bachelor of Science in Software Engineering	American International University Bangladesh (AIUB) | 2018 - 2021	**CGPA: 3.59 scale of 4.00** Key Courses: • Software Engineering • Software Development Project Management • Software Requirement Engineering • Software Quality and Testing • Advanced Web Programming
Higher Secondary School Certificate (HSC)	St. Joseph Secondary School, Dhaka | 2016	**GPA: 4.73 scale of 5.00**
Secondary School Certificate (SSC)	Cambrian School & College, Dhaka | 2014	**GPA: 5.00 scale of 5.00**

Achievements

- I have participated in **Therap Java Fest 2021** contest with another team member. Our **Books Cabinet** project was selected as one of the top 10 projects in this contest.

Online Courses and Skills

- Completed various online courses on platforms like **Udemy, LinkedIn Learning, and Youtube**, covering topics such as Software Engineering, Web Development Essentials topics.
- Developed skills, **TypeScript and ElasticSearch** through self-directed learning and practical application.