Md. Shakibul Alam

Software Engineer | Java | Spring Boot | Angular

03 years of experience

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Summary

I am a Software Engineer with **03** years of experience specializing in **Spring Boot and Angular**. I have proven expertise in designing, implementing, and maintaining robust and scalable web applications. I am adept at collaborating with cross-functional teams to deliver high-quality code and achieve project goals.

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 **JUnit, Mockito**
- Experience with caching mechanism using Redis.
- Experience with messaging queue using RabbitMQ.
- Worked in the development of the **HR and Payroll Solution** which is a extensive tool for managing HR tasks and Payroll, includes employee self services.
- Worked in the development of the **Smart Microfinance** application, integrating financial modules, which is running in more than **3200 office of BRAC.**
- Contributed to the **BRAC Payroll** project, implementing payroll processing logic and collaborating with stakeholders to meet requirements.
- Collaborated with front-end developers to create seamless user experiences using **Angular**.
- Implemented RESTful APIs for effective communication between different modules of the applications.
- Conducted code reviews to ensure adherence to coding standards and maintainability.
- Actively participated in **Agile** development methodologies, contributing to sprint planning, daily stand-ups, and retrospectives.
- Utilized **Git** for version control to manage code efficiently.
- Responsible for initiating and coordinating 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.

Education

- **Bachelor of Science in Software Engineering** | American International University Bangladesh **(AIUB)** | 2018 - 2021
  - **CGPA: 3.59**

Technical Skills & Tools

- **Languages:** Java, TypeScript, SQL
- **Frameworks and Technologies:** Spring Boot, Angular, Hibernate, JUnit, Mockito, RabbitMQ, Gradle

- **Databases:** Postgres, ElasticSearch, Redis
- **Migration:** Flyway
- **Version Control:** Git, Gitlab
- **Tools:** IntelliJ IDEA, Eclipse, Docker, ELK Log Monitoring, Jira

Projects

✔ HR and Payroll Solution

- Description: I have worked in Attendance, Leave, Recruitment, Payroll, Procurement, Self-serivces, and Report Module.
- **Technologies: Java, Spring Boot, Angular, Postgres, Flyway**

✔ Smart Microfinance

- Description: Worked in Smart Microfinance application, integrating financial modules and ensuring regulatory compliance.
- **Technologies: Java, Spring Boot, Angular, ElasticSearch, Redis, RabbitMQ**

✔ Books Cabinet

- Description: Co-led the development of the "Books Cabinet" project for the **Therap Java Fest 2021**.
  - Idea: Reselling used/old books at a reduced price to support others and promote the reuse of books.
- **Technologies: Java, Spring Boot, Thymeleaf**
- GitHub Repository: [Books Cabinet GitHub Repository](#)

✔ BRAC Payroll

- Description: Contributed to the BRAC Payroll project, implementing payroll processing logic and collaborating with stakeholders to meet requirements.
- **Technologies: PHP, MySQL**

Achievements

- Co-led the development of the "Books Cabinet" project in collaboration with another team memeber for the **Therap Java Fest 2021**.
  - The project was selected as one of the top 10 projects in the contest.
  - Team Name: Team Double-A

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 in **TypeScript, ElasticSearch** through self-directed learning and practical application.

Language Proficiency

- **English:** Fluent (written and spoken)
- **Bangla:** Native