

Md. Asadujjaman

Software Engineer

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Technical Skills

Frameworks: Spring, Spring Boot, Spring Data, Hibernate, Spring Security

Languages: Java, JavaScript, GO, Python

Cloud Technologies: AWS, Docker, Linux, Spring Cloud

Monitoring/CI/CD: Git, Prometheus, Microservices, RebbitMQ, RESTful APIs

Database: MySQL, PostgreSQL, MongoDB

Developer Tools: IntelliJ, VS Code, GitHub, Postman, Swagger, Claude, Gemini cli, ChatGPT

Others: Object-Oriented Programming and design patterns, MVC, Junit, Mockito,

Solved 200+ problems on Data Structures, Algorithms, SQL on LeetCode and HackerRank, GFG

Experience

PIS | **Jr. Software Engineer** (Spring Cloud, Docker, PostgreSQL, WebSocket) (Januray 2024 – Present)

- Collaborated with senior developers and followed Agile process like sprint planning and daily stand-up and bug fix day to day.
- Learn and manage micro-service architectures and implement cloud configuration and eureka and integrate all service from monolith.
- Refactored legacy SQL quires to ORM (JPA/Hibernate)

PIS | **Software Engineer Trainee** (Spring Boot, REST API, MYSQL) (August – December 2024)

- Developed a secure leave management system and followed MVC pattern, Spring security.
- Learn work flow, coding pattern, best practice and culture from senior developers.

ERA Info Tech | **Software developer Intern** (Spring Boot, Oracle) (April – August 2023)

- Learned how to use Spring features like dependency injection, data persistence with JPA, and other key back-end concepts.
- Refactor and redesign General ledge module.

Projects

SpringSheild | (Spring Booth, Spring Security, JPA, H2, JWT)

- Developed SpringSheild, a robust Spring Security project from scratch, empowered by JWT (JSON Web Tokens) from advanced authentication and authorization, securing application.
- Enabled method-level security coupled with role-based access control, enabling fine-grained access control over services, enhancing security posture and access management.
- Automated refresh token functionality once access token expires to streamline efficiency.

Education

Daffodil International University (2017 - 2021)

B.Sc. in Computer Science (CSE) (CGPA: 3.72)

Carmichael College, Rangpur 2017

HSC, Science (GPA: 4.75)

Soft Skills

Verbal communication in English, Problem-Solving, Teamwork, Adaptability, Prompt Engineering

Interest

System design, Cloud Computing, DevOps, Artificial Intelligent