

Ferdous, Mahrus

mahrusf.dev@gmail.com | (347) 669-3876

<https://mahrusferdous.com>

New York

I am a Software Engineer who always looks for ways to develop quality software by implementing the knowledge and skillsets I have gathered over the years. Looking for a Software Engineer/ Software Developer position where I can utilize my knowledge to develop and deliver software to the end-users with utmost success.

SUMMARY

- Experienced in developing RESTful services using Spring MVC, Spring boot, Spring Data JPA, Hibernate, and other Spring components.
- Experienced in writing unit tests using Junit & Mockito, Integration tests with Rest assured, and E2E UI tests with Selenium, etc.
- Experienced in writing technical design documentation and API documentation.
- Experienced in developing user interfaces using ReactJS, Redux, and ES6.
- Good knowledge of using Java Server Page (JSP) and migrating legacy codebase into modern user interface written with ReactJS.
- Expert in using Git and GitHub for maintaining source code and code review.
- Experienced in using Jenkins's pipeline for the build, deployment, test execution on-demand and scheduled and code coverage calculation as well as static code analysis.
- Experienced using relational databases such as Oracle and PostgreSQL.
- Highly experienced in Agile Scrum software development practices, issues, and defect management.
- Experienced in containerizing the applications using Docker and utilization of on-premises Kubernetes environment.
- Experienced in reviewing functional test cases written by Quality Assurance Engineers.
- Experienced in using macOS and Windows.

KEY SKILLS

- Java
- Spring & Spring boot
- HTML5 & CSS
- JavaScript/ES6
- React & Redux
- Git & GitHub
- Python
- Node
- Junit, Rest assured & Selenium
- maven
- npm
- SQL & NoSQL

EXPERIENCE

Athenahealth – Watertown, MA
Software Engineer

Jun 2019 - Present

Working on athenahealth's EHR system as a Software Engineer and fixing defects on UI and Service layers as well as developing new RESTful services.

Key Tools and Technologies: Java, Spring Boot, Maven, JavaScript, React, Node, PostgreSQL, Jira, Confluence, Postman, Jenkins, Docker, and more.

Responsibilities:

- Develop RESTful services using Spring Boot, Spring Data JPA, Spring Security, PostgreSQL, and more.
- Write unit tests, and integration tests using JUnit, Rest assured, and Spring Boot test.
- Participate in the code review sessions and provide necessary feedback to manage code quality and standards.
- Refactor legacy service code as needed.
- Fix defects, develop, and maintain new user interface functionalities.
- Document service specifications and create necessary design documents for the services being worked on.
- Provide service/feature demos to stakeholders such as Test Engineers, Product Owners, and Project Managers.

- Support build and deployment process, utilize Jenkins for continuous integration and continuous deployment (CI/CD); own the process of deployment for the product developed from QA to Production environments by monitoring QA and deployment activities.
- Follow Agile Scrum and participate in all meetings such as Daily Stand up, Backlog Grooming, Sprint Planning, and Sprint Retrospective
- Mentored and onboarded junior/new team members.

Broadridge - Brentwood, NY
Application Developer

Feb 2017 - May 2019

As an Application Developer, I worked closely with different team members and stakeholders to identify proper fixes of issues as well as new API development of one of the company's core products that provide insightful reports on customers' revenue.

Key Tools and Technologies: Spring Boot, Maven, Jira, Confluence, Selenium, Junit, Oracle, etc.

Responsibilities:

- Was Responsible for fixing defects on legacy systems written in Spring, JavaScript, and JSP.
- Developed RESTful services to support revenue and report generation.
- Worked on different Change Requests (CR) and new enhancements from customers.
- Worked on modifying DAO, Service, and Controller layers of the application to apply the bug fixes, including additional data points' flow from Oracle DB to API response.
- Worked closely with BA, QA, Product Manager, and Project Coordinator to develop and deploy completed features.
- Develop Test Automation framework in coordination with Test Engineers and write E2E UI tests using Selenium, Java, JUnit, Maven, and others.
- Enhance existing UI test framework to introduce Page Object Model for better reusability and maintainability, integrating them with Jenkins for the nightly scheduled runs.
- Review automated test code and coverage to make sure the completeness of the regression suite.
- Was responsible for R&D to enhance product testing process and implementation of Test Automation process that included Unit, Integration, and E2E UI tests.

- Assisted Business Analysts with creating Jira stories and cleaning up stale backlog items for better backlog grooming.

Education

Bachelor of Computer Science

Royal University of Dhaka