M. Mohaiminul Islam

ISTQB Certified Tester

Quality Assurance Professional | API Tester | Automation Enthusiast

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Professional Summary

ISTQB-certified software testing professional with 5 years of industry experience, holding a bachelor's degree in Computer Science & Engineering. My career has been marked by versatility, having worked on a wide range of products across various domains. I excel in web and mobile application testing, with a strong ability to create comprehensive test plans and test cases. Additionally, I have expertise in developing automation scripts for APIs, streamlining testing processes for efficiency. Proficient in tools such as Postman, JMeter, JIRA, Redmine, Slack, and Trello, I leverage technology to enhance the testing lifecycle. My mission is twofold, elevate product quality to its zenith and catalyze exponential growth for both my employer and myself. With a keen eye for detail and a commitment to excellence, I consistently deliver results that exceed expectations.

Work Experience

Software Engineer (QA)	**Dhanmondi, Dhaka**
Cefalo Bangladesh Ltd.	**Nov 2022 - Present**

Projects:
1. A well reputed Digital News Agency from Norway
Responsibility:
- ❖ Designed and implemented a robust automation test suite using **Spring Boot**, **Java**, and the **Karate** framework to ensure the reliability of core **API** services.
- ❖ Developed comprehensive API test cases tailored for user roles and administrative roles, enhancing role-specific test coverage.
- ❖ Established an automated API test suite with continuous monitoring of daily results, ensuring rapid detection of issues and improved system stability.

❖ Introduced a streamlined API testing methodology, delivering periodic updates and sharing detailed status reports on Slack channels, fostering improved team communication and project oversight.

2. A well reputed Health debt management company
Responsibility :
❖ Conducted **exploratory** testing on the product to identify critical issues and ensure thorough test coverage.
❖ Created a detailed test plan and strategy, aligning with project requirements and ensuring comprehensive testing throughout the lifecycle.
❖ Developed and managed test procedures and test cases, ensuring efficient execution and accurate results for the project.
❖ Wrote custom scripts for performing system tests, automating processes and improving test efficiency.
❖ Led bug tracking and defect management using tools like **JIRA** and **GitHub**, ensuring timely resolution of issues.
❖ Analyzed, reported, and monitored issues to ensure swift identification and resolution of defects.
❖ Tested APIs using **Postman** and developed automated **monitoring** solutions, ensuring seamless integration and performance tracking.

Quality & Operation Engineer   **Mohakhali DOHS, Dhaka**
Truck Lagbe Ltd.   **Aug 2021 - Oct 2022**
Responsibility:
❖ Conducted **requirement** analysis and **reviewed** design specifications to ensure alignment with testing objectives.
❖ Developed a comprehensive test plan and designed detailed test cases to ensure thorough test coverage.
❖ Executed manual tests and performed in-depth analysis to identify issues and ensure quality.
❖ Led software debugging and bug tracking, utilizing tools to ensure efficient issue resolution.
❖ **Troubleshoot** daily operational problems, ensuring swift resolution to minimize disruptions.
❖ Performed API testing for both local and live APIs, ensuring functional integrity across environments.
❖ Conducted performance testing using **JMeter** and developed automation scripts for API testing using **JAVA** and **Rest assured**, improving efficiency and reliability.

SQA Engineer (R&D)   **Chandra, Gazipur**
Walton Digi-Tech Industries Ltd.   **Nov 2019 - Jul 2021**
Responsibility:
❖ Documented and reviewed requirements, ensuring alignment with testing **goals** and project scope.
❖ Implemented and executed a detailed test **plan**, ensuring thorough coverage of all test scenarios.
❖ Analyzed and **optimized** test cases, ensuring efficient test **execution** and comprehensive coverage.

- ❖ Conducted **performance** analysis and execution, identifying key performance metrics and ensuring optimal system functionality.
- ❖ Performed manual testing in a live environment, ensuring real-time system **stability** and functionality.
- ❖ Conducted **field testing** of network parameters and implemented optimization strategies for improved performance.
- ❖ Compiled and presented comprehensive test and analysis reports, summarizing findings and recommendations.
- ❖ Researched and evaluated mobile **camera performance** improvements, developing testing measures for enhanced functionality.

Software QA Intern (Cell Phone)   **Bashundhara R/A, Dhaka**
Walton Group   **Jul 2019 - Oct 2019**
Responsibility:
- ❖ Executed manual tests on multiple software products based on developed test cases, ensuring functional accuracy.
- ❖ Generated test cases for software applications, ensuring alignment with product specifications.
- ❖ Participated in design reviews with the product owner, providing feedback to improve product functionality.
- ❖ Contributed to automation test code development for mobile software testing, enhancing test efficiency and coverage.

Education

East West University   Dhaka, Bangladesh
B.Sc. (Hons)   2015-2019
Computer Science & Engineering

Govt. Science College   Dhaka, Bangladesh
Higher Secondary School Certificate   2011-2013
Science

Motijheel Govt. Boys' High School   Dhaka, Bangladesh
Secondary School Certificate   2005-2011
Science

Skills

- ★ **Technical Skills**
  - ○ **Automation Tools**: Selenium, Playwright, Appium, TestNG, JUnit
  - ○ **API Testing**: Postman, Rest Assured, RESTful API, Karate DSL
  - ○ **Programming**: Java, JavaScript, TypeScript
  - ○ **Performance Testing**: JMeter
  - ○ **Version Control**: Git, GitHub, Bitbucket
  - ○ **CI/CD**: Jenkins, GitHub Actions

- ○ **Test Management:** Jira, Trell0, Github Projects.
- ○ **Bug Tracking:** JIRA, Redmine, Github
- ★ **Soft Skills**
  - ○ Excellent **communication** and **collaboration** skills with cross-functional teams
  - ○ Strong problem-solving abilities for **troubleshooting** and **resolving** issues
  - ○ Experienced in **Agile** methodologies and frameworks like **Scrum** and **Kanban**
  - ○ Detail-oriented with the ability to perform thorough **manual** testing and **automated** regression testing
  - ○ Strong **time management** skills, capable of handling multiple tasks and meeting deadlines

Certification

Certified Tester Foundation Level (CTFL)   Issue Date: 2019
Issued by: International Software Testing Qualification Board (ISTQB)
Certificate: [Click Here to See](#)

E2E Test Automation with Playwright & Typescript   Issue Date: 2024
Issued by: Cefalo School
Certificate: [Click Here To See](#)

Skill Development For Mobile Game & Application   Issue Date: 2018
Issued by: ICT Ministry of Bangladesh
Certificate: [Click Here to See](#)

References

Md. Monirul Hoque   **Partha Roy**
General Manager, Product Development   Chief Solution Architect
RFL Election, Pran-RFL Group   Cefalo Bangladesh Ltd.
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