

M. Mohaiminul Islam

ISTQB® Certified Tester (CTFL)

Quality Assurance Professional | API Tester | Automation Enthusiast

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Professional Summary

ISTQB-certified software testing professional with over 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. 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.

Skills

- Experienced in test automation using framework like **Playwright**.
- Skilled in programming and scripting with **TypeScript, JavaScript, Java**, Bash and **SQL**.
- Proficient in API testing and automation using **Postman, Newman, REST Assured** and **Karate DSL**.
- Experienced in database testing using **MySQL** for data validation and integrity checks.
- Knowledgeable in CI/CD and DevOps tools like **GitHub Actions**, Jenkins.
- Experienced in manual and exploratory testing, **test planning**, execution, **defect tracking** and **reporting**.
- Familiar with **Agile** and **Scrum** practices, **Jira, Bitbucket, Clickup** and collaborating with remote teams.
- Skilled in defining and implementing test **strategies** to ensure long-term software quality.
- Experienced in **cross-browser** and **cross-platform** testing for compatibility across multiple devices.
- Strong **communication** skills for structured reporting of test results, bugs, and insights.
- Experienced in **mentoring** and **training** junior QA engineers to enhance team capabilities.

Work Experience

Software Engineer (QA)

Cefalo Bangladesh Ltd.

Dhanmondi, Dhaka

Nov 2022 - Present

Responsibilities:

- Designed and implemented an end-to-end test automation framework using Playwright and TypeScript.
- Developed an API automation test suite with Spring Boot and Karate DSL to validate system functionality through API calls and chaining for continuous monitoring.
- Integrated API tests into CI/CD pipelines, ensuring automated execution at regular intervals.
- Utilized tools like Bitbucket and Octopus for seamless deployment of test features, enhancing test coverage in production.
- Led API monitoring efforts to proactively detect issues and maintain system reliability.
- Conducted detailed test planning, execution, and defect tracking to improve software quality.
- Collaborated with overseas teams to enhance automation strategies and streamline test execution.
- Led manual testing efforts for a startup project, ensuring functional and usability standards were met.
- Created comprehensive test plans, monitored test progress, and executed test cases systematically.
- Documented system requirements in detail to support development and quality assurance processes.

Quality & Operation Engineer
Truck Lagbe Ltd.

Mohakhali DOHS, Dhaka
Aug 2021 - Oct 2022

Responsibilities:

- 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)
Walton Digi-Tech Industries Ltd.

Chandra, Gazipur
Nov 2019 - Jul 2021

Responsibilities:

- 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)
Walton Group

Bashundhara R/A, Dhaka
Jul 2019 - Oct 2019

Responsibilities:

- 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
B.Sc. (Hons)
Computer Science & Engineering

Dhaka, Bangladesh
2015-2019

Govt. Science College
Higher Secondary School Certificate (H.S.C)
Science

Dhaka, Bangladesh
2011-2013

Motijheel Govt. Boys' High School
Secondary School Certificate (S.S.C)
Science

Dhaka, Bangladesh
2005-2011

Projects

E2E Test Automation project for Property booking site

- Designed and Implemented a comprehensive E2E test automation framework using Playwright and Typescript.
- Integrated a third-party reporter, Monocart-Reporter for visualizing test results and insights.
- Also added custom functions to fetch errors and send to reports.
- Integrated slack to notify about the hourly run report with the stakeholders.

API Automation & Monitoring for a Norwegian Digital Media Asset management project

- Designed and implemented a robust API automation test suite to ensure the reliability of core services.
- Developed role-specific API test cases for both user and administrative functionalities, improving test coverage.
- Established continuous API monitoring with automated daily test execution, enabling rapid detection of issues.
- Integrated automated test reports with Slack for real-time status updates and improved team collaboration.

Quality Assurance For a Health Care Debt Management Platform

- Conducted exploratory testing to uncover critical system issues and ensure optimal product quality.
- Developed and executed detailed test plans and strategies, aligning with project requirements.
- Automated system tests with custom scripts to improve test efficiency and reliability.
- Managed bug tracking and defect resolution using Jira and GitHub, ensuring smooth software releases.
- Implemented API testing and automated monitoring solutions using Postman, ensuring system stability and seamless integration.

Quality Assurance & Test Automation for [Truck Lagbe](#) (Mobile Apps & Web Portal)

- Conducted manual testing and designed test cases to validate core functionalities of the mobile and web applications.
- Developed an API test automation suite using Rest Assured, TestNG, and Java for seamless backend validation.
- Performed API data validation using Postman and executed load and stress testing on Truck Lagbe APIs with JMeter.

Certification

[Certified Tester Foundation Level \(CTFL\)](#)

Issued by: International Software Testing Qualification Board (ISTQB)

Issue Date: 2019

[Advanced Certified Management Professional \(ACMP 4.0\)](#)

Issued by: IBA, DU

Running...

[E2E Test Automation with Playwright & Typescript](#)

Issued by: Cefalo School

Issue Date: 2024

References

Md. Monirul Hoque

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