

K. M. Saddam Hossain

+880 1718 170 799 | dev.saddam@gmail.com | West Kazipara, Mirpur-10, Dhaka
kmsaddam.com | linkedin.com/in/kmsaddam | github.com/kmsaddam

Professional Summary

Results-driven Software Quality Assurance (SQA) Engineer with a strong foundation as a Software Engineer. Skilled in both manual and automated testing within Agile, SDLC, and STLC environments. Proven expertise in test design, defect tracking, and automation tools such as Playwright, Selenium, and Jira. Committed to continuous quality improvement, effective collaboration, and delivering high-quality software products.

Key Achievements

Manual Testing

- Designed and executed detailed test cases and test scenarios, increasing overall test coverage.
- Identified critical and high-priority bugs during functional and exploratory testing phases.
- Performed regression, smoke, sanity, and UI testing to ensure application stability.
- Improved defect reporting quality by maintaining clear, structured, and reproducible bug reports.
- Collaborated effectively with developers and product teams in Agile/Scrum environments to ensure timely issue resolution.

API Testing

- Create Performed comprehensive REST API testing using Postman, ensuring accurate request/response validation.
- Validated data integrity, status codes, authentication, and error handling across APIs.
- Identified backend issues early by testing edge cases and negative scenarios.
- Improved API reliability by detecting inconsistencies between frontend and backend data flow.
- Created reusable API test collections for faster regression testing cycles.

Automation Testing

- Developed and maintained scalable automation frameworks using Selenium/Playwright, improving regression efficiency by up to 60–70%.
- Automated critical test scenarios, reducing manual repetitive testing efforts significantly.
- Integrated automated test suites into CI/CD pipelines for faster and reliable release cycles.
- Improved test stability by implementing reusable components and optimized test scripts.
- Detected critical defects early through automated regression execution in Agile sprints.

Performance Testing

- Designed and executed load, stress, and performance tests using Apache JMeter for web applications and APIs, identifying critical performance bottlenecks.
- Improved system reliability by analyzing response time, throughput, and error rates, leading to measurable performance optimization.
- Created and maintained reusable JMeter test plans for REST API and web services testing, ensuring consistent performance validation across releases.

Core Technical Skills

Methodologies: SDLC, STLC, Agile/Scrum, Waterfall Model

Testing Types: Manual & Automation Testing, Regression Testing, API Testing, Smoke & Sanity Testing

Bug Tracking & Test Management Tools: Jira, TestRail, Trello, Bugzilla

Test Automation: Jira, TestRail, Postman, Selenium, Playwright, Appium, JMeter

Programming & Scripting: JavaScript, PHP, Python, React, Next, jQuery, HTML, CSS

Database: MySQL, MongoDB, Firebase, PostgreSQL

DevOps & CI/CD: GitHub Actions, Docker, AWS

Professional Experience

SQA Engineer, Mathmozo IT – Dhaka - Analyze requirements and identify test scenarios - Design detailed test cases and test plans - Develop and maintain automation frameworks and scripts - Prepare test reports before release	Aug 2024 – Continue
SQA Engineer, Orogenic Resources (BD) Ltd. – Dhaka - Create test plans and test cases - Define testing strategies - Run test cases step-by-step and capture screenshots/logs as evidence - Modify or rewrite problematic code	Jan 2023 – Jul 2024
Software Engineer, Flick Media Ltd. – UK - Writing clean, efficient, and maintainable code - Building software applications (web, mobile, desktop, or systems) - Integrating APIs and third-party services	Jun 2019 – Oct 2022
Web Development Instructor, European IT Institute – Dhaka - Deliver structured lectures on web technologies, including HTML, CSS, JavaScript and PHP - Conduct live coding sessions and practical demonstrations to reinforce learning - Assess student performance through assignments, projects, and evaluations, and provide feedback	Jan 2018 – May 2019
Web Developer, Annanovas IT LTD – Dhaka - Writing clean, efficient code using HTML, CSS, JavaScript - Create responsive web designs across mobile, tablet, and desktop devices - Integrating frontend with backend services	Mar 2016 – July 2017

Education

Master of Science in Information Technology (MIT) Jahangirnagar University, Savar, Dhaka	2015
Bachelor of Science in Computer Science and Engineering Darul Ihsan University, Dhanmondi, Dhaka	2012
Higher Secondary School Certificate Rajshahi City College, Rajshahi	2005
Secondary School Certificate B. L. Govt High School, Sirajgonj	2003

Training & Certifications

DevOps & MLOps Innovative Skills (Online Platform)	Ongoing
SQA: Manual & Automated Testing Ostad (Online Platform)	2026
Web Design and Application Development Bangladesh-Korea Information Access Center, CSE, BUET	2014
Database Management and Administration Bangladesh-Korea Information Access Center, CSE, BUET	2013

References

- Md Khalakuzzaman Khan | CEO | Mathmozo IT | +8801821660066 | info@mathmozo.com
- Masum Rana | Head of Digital Marketing | Marie Stopes | +8801918775544 | masum.mr@gmail.com