

Asifur Rahaman

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Software Developer | Test Automation & Quality Assurance | DevOps & CI/CD Enthusiast—Ensuring Scalable Automation, Test Governance & Quality Best Practices

Experienced SQA Engineer with 5+ years of experience in software quality assurance, test automation, and debugging, specializing in scalable testing frameworks and CI/CD pipeline integration. Proven success in enhancing defect detection efficiency, optimizing test automation frameworks, and improving system stability through data-driven testing strategies. Adept at collaborating with cross-functional teams to drive testing best practices, improve development workflows, and ensure software reliability. Leverage a strong foundation in DevOps principles, API performance validation, and Agile methodologies, supported by ISTQB and Scrum Developer certifications.

CORE COMPETENCIES

Automated Testing & Framework Development | Continuous Integration & Deployment (CI/CD) | Scalable Testing Strategies & Test Governance | API Performance & Load Testing | Debugging & Security Testing | Test Infrastructure & Developer Tooling | Quality Engineering | Agile & DevOps Methodologies | Cloud-Based Testing & Infrastructure Optimization | SDLC Integration | Test Suites
Technical Skills: Python | GO | JS | Pytest | Selenium | Cypress | JMeter | Postman | Charles Proxy | Burp Suite | GitLab/GitHub | Ruby

PROFESSIONAL EXPERIENCE

[SkillsDB](#)

Bozeman, MT

QA Engineer

March 2023 – Present

- Improve defect detection and debugging by collaborating with developers to analyze root causes, execute test cases, and resolve software defects, reducing production failures.
- Improve test automation by integrating advanced scripting techniques, increasing reliability, and automating 10% of workflows to expand test coverage.
- Optimize system performance by implementing data-driven testing strategies, improving efficiency, and adhering to industry standards.
- Lead testing efforts, coordinating with developers and product managers to validate system integration and functionality.

Software Developer

March 2024 – January

2025

- Enhanced frontend functionality using Next.js, identifying and resolving inconsistencies to improve performance and user experience.
- Collaborated cross-functionally to implement new features, refactor code, and streamline workflows for maintainability and scalability.
- Identified and resolved 100+ frontend defects using advanced debugging tools, collaborating with teams to implement solutions, prevent recurrence, and improve system reliability.

[Series Code](#) (Consulting/Staffing Company)

Denver, CO

QA Engineer (Part-Time Contractor for SkillsDB)

March 2023 – February

2024

- Implemented performance testing strategies using tools such as JMeter, identifying and resolving system bottlenecks that improved application response times by 25%.
- Managed root cause analysis for software issues, reducing post-release defects by 45% and improving overall product stability.

QA Engineer (Part-Time Contractor for Involved)

November 2022 – March 2023

- Collaborated cross-functionally to create and maintain 500+ detailed test cases covering functional, integration, and performance testing scenarios.
- Utilized advanced testing methodologies, including black box, white box, and exploratory testing, to uncover and document more than 200+ high-priority software defects.

[Pathao](#)

Dhaka, Bangladesh

SQA Engineer II

January 2022 – September 2023

- Partnered with developers to diagnose system defects, identify root causes, and implement strategic improvements to enhance reliability and user experience.
- Developed and maintained test automation frameworks, automating repetitive tasks to improve efficiency and reduce regression bugs by 25%.

- Developed and executed test plans for 3+ web and mobile applications, achieving 85% test coverage and identifying critical defects before production.
- Collaborated with project managers and developers to analyze test results and refine system performance, maintaining comprehensive documentation for knowledge sharing.
- Mentored 4 junior QA team members, establishing standardized testing protocols and best practices that enhanced team productivity and test efficiency.

SQA Engineer I

December 2019 – December 2021

- Executed test cases across software modules to validate functionality, performance, and security, ensuring alignment with business requirements.
- Identified, documented, and tracked software defects using issue-tracking tools, collaborating with development teams to resolve bugs and improve system stability.
- Supported in designing and refining test plans and quality assurance processes to enhance test coverage and ensure adherence to software quality standards.

SEBPO

Senior Executive, Ad Operations Professional

Dhaka, Bangladesh

July 2018 – October 2019

- Managed end-to-end campaign execution, including ad trafficking, tag generation, and troubleshooting discrepancies to ensure accurate targeting and tracking.
- Analyzed campaign performance metrics, identified optimization opportunities, and provided stakeholders with actionable insights on effectiveness, audience trends, and budget utilization.
- Oversaw a 10-person Ad Operations team, ensuring cross-functional alignment, 100% on-time campaign delivery, and adherence to quality standards and client goals.

Executive, Ad Operations Professional

August 2016 – June 2018

- Managed trafficking and quality assurance for display and video ad campaigns across desktop, mobile, and tablet, ensuring accurate implementation and seamless user experience.
- Diagnosed and resolved ad delivery, tracking, and creative rendering issues by collaborating with internal teams and third-party vendors to minimize disruptions and optimize performance.
- Extracted and analyzed campaign data from multiple third-party platforms and ad servers, identifying delivery trends and reconciling discrepancies to maintain reporting accuracy.

KEY PROJECTS

- **Kronos: Compare API Response Time with Threshold Value:** Developed a tool to measure and compare API response times against defined thresholds, ensuring that performance standards are met and identifying potential bottlenecks in API communication.
- **API-Holmes: Compare Sample Response and Actual Response in Bytes:** Created a utility to analyze and compare API responses, enabling precise detection of discrepancies between expected and actual data outputs to ensure data integrity.
- **LendLeaf: Connect Communities Through Shared Stories:** Built a community-driven book lending app that connects neighbors through shared stories, enabling users to list, discover, and borrow books locally while fostering trust and sustainable reading practices.

EDUCATION

Bachelor of Science in Computer Science & Engineering | Institute of Science and Technology

2011 – 2016

CERTIFICATIONS

Certified Tester Foundation Level (CTFL) | ISTQB (Certificate No. 22-CTFL-215156-12)

Valid: 10/2022 – Present

Certified Scrum Developer® (CSD®) | Scrum Alliance (Certificate ID: 001483151)

Valid: 02/2023 – 02/2025

Advanced Certified Scrum Developer® (A-CSD®) | Scrum Alliance

[Planned for May 2025](#)

LANGUAGE PROFICIENCIES

Bengali (Native or Bilingual Proficiency)

English (Full Professional Proficiency)