Samiul Islam

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Career Objectives

Motivated Software QA enthusiast skilled in manual, functional, and API testing (Postman, JMeter), with strong knowledge of SDLC/STLC. Currently expanding expertise in automation testing to enhance QA efficiency. Dedicated to improving product quality, reducing defects, and ensuring user satisfaction.

Experience

Junior Software Quality Assurance (SQA) Engineer —— AKIJ iBOS Limited, Dhaka February 2026 – Present

- Perform manual, API, performance, testing for **Managerium ERP**, **Managerium POS**, **BMA**, and **NextJobz**.
- Design and execute test cases; perform Functional, Integration, System, Regression, and UAT testing.
- Conduct API testing using **Postman/Newman** and performance testing using **Apache JMeter**.
- Prepare Test Plans, Test Cases, Checklists, and Bug Reports following SDLC, STLC, and Agile Scrum practices.
- Report, track, and verify defects using **Jira**; collaborate with developers to ensure timely resolution.
- Validate business workflows, UI/UX, ERP/POS modules, and critical system functionalities before production releases.

Automation Testing Engineer (Intern) —— a1qa December 2025 – January 2026

- Developed and executed automated test scripts while learning modern automation frameworks and QA best practices.

SQA Engineer (Intern) —— Zensoft Lab September 2025 – November 2025

- Performed manual and API testing, regression testing, bug reporting, and participated in Agile Scrum activities.

Certifications & Training

- **Certified Training Course on Software Testing and Quality Assurance** *(Completed)*
  Organization: People N Tech
  - Hands-on training in manual & automation testing, test case design, bug reporting, and secure coding practices.
- **SQA Manual and Automation Testing Course** *(Completed)*
  Organization: Ostad
  - Practical knowledge in SDLC, STLC, API testing (Postman, Newman), UI automation (Selenium, Playwright), and database testing.
- **Get Started with Jira** *(Completed)*
  Organization: Coursera
  - Learned Jira fundamentals including project setup, task/workflow management, and agile board usage.
- **Automation Testing Basics** *(Completed)*
  Organization: Simplilearn
  - Gained foundational basic knowledge of automation testing concepts and practices.

Skills

Soft Skills: Analytical Thinking, Attention to Detail, Communication, Teamwork, Adaptability, Time Management

Technical Skills:

- **Testing:** Manual Testing (Test Case Design, Execution, Bug Reporting, Root Cause Analysis), Functional, Usability, Security, API (Postman, Newman), Performance (JMeter,K6), SDLC, STLC, Defect Life Cycle, QA Documentation
- **Programming & Tools:** JavaScript, HTML5, CSS3, MySQL, Git

Projects

Manual & API Testing on E-Commerce Web Application (EverShop) [GitHub]

- Performed manual and API testing; created Test Cases, RTM, Bug Reports, and validated APIs using Postman.

Restful Booker API Performance Testing (Apache JMeter) [GitHub]

- Executed API load testing using Apache JMeter, analyzed throughput, response time, APDEX, and generated HTML performance reports.

Performance Testing with k6 (Shohoz) [GitHub]

- Developed k6 scripts for load, stress, and user journey testing with automated HTML reports and performance analysis.

EchoGPT QA Project [GitHub]

- Executed 39 test cases across functional, security, usability, accessibility, and performance testing using Selenium and Apache JMeter, with comprehensive QA documentation and risk assessment.

Research Project

Efficient Estimation of Word Representations in Vector Space

- Studied two novel model architectures (CBOW and Skip-Gram) for learning high-quality word embeddings from large-scale corpora.
- Demonstrated that simple neural models can efficiently capture syntactic and semantic relationships using distributed representations.
- Achieved state-of-the-art performance on word similarity tasks with significantly reduced computational cost.

Leadership & Activities

Rover Scout Volunteer — Leadership, Service & Teamwork June 2018-March 2020
Police Lines School & College,Bogura

Volunteer, STI 2025 International Conference 18-19 December 2025
Green University Of Bangladesh, Dhaka

Achievements & Awards

Technical Seminar Participation — Green University of Bangladesh

- Awarded **certificate** for participating in the seminar on *"**Towards Data-Efficient and Interpretable Computer Vision: Advances in Few-Shot Learning and Explainable AI**"*.
- Organized by **IEEE Computer Society Student Branch Chapter GUB**, with certificate presented by **Prof. Dr. Mohammad Shorif Uddin** (Vice-Chancellor, GUB) and **Prof. Dr. Md. Ahsan Habib** (Chairperson, Dept. of CSE).

Education

Green University Of Bangladesh February 2022 – February 2026
BSc. in Computer Science & Engineering

Police Lines College, Bogura June 2018 – May 2021
Higher Secondary Certificate (HSC), GPA: 5.00 out of 5.00

Hatibandha High School, Bogura January 2015 – May 2017
Secondary School Certificate (SSC), GPA:4.94 out of 5.00

References

- **Prof. Dr. Md. Ahsan Habib**
  Chairperson, Dept. of CSE, Green University of Bangladesh
  Email: mahabib@cse.green.edu.bd