

Anika Tahsin Hridi

SQA Engineer

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<https://github.com/anika-tahsin4152>

OBJECTIVE

Dedicated and detail-oriented BSc in Computer Science graduate seeking a challenging entry-level position as a Software Quality Assurance Engineer to leverage my academic knowledge, passion for quality, and strong analytical skills for contributing to software testing and improvement.

TECHNICAL SKILL

- Software Testing: Proficient in manual and automated testing techniques, including test planning, test case design, execution, and defect tracking.
- Quality Assurance: Knowledge of QA methodologies, principles, and best practices to ensure software reliability and user satisfaction.
- Testing Tools: Familiarity with testing tools such as Selenium, JIRA, and TestRail.
- Programming Languages: Competent in Java for scripting and test automation.
- Problem Solving: Strong problem-solving abilities to identify and troubleshoot software defects.
- Database: Proficient in SQL for database testing and validation.

SOFT SKILL

- Communication: Effective written and verbal communication skills for clear bug reporting and documentation.
- Teamwork: Collaborative team player with the ability to work effectively in cross-functional teams.
- Attention to Detail: Meticulous in reviewing software for defects and inconsistencies.
- Critical Thinking: Analytical mindset to assess complex software behavior and identify potential issues.
- Time Management: Efficiently manage tasks and prioritize assignments to meet deadlines.
- Adaptability: Quick learner with the ability to adapt to new technologies and tools.

PROJECT

1. API Automation by Postman.

- In evaluating the Dmoney REST API, I've outlined essential test scenarios for admin functions, financial operations, and agent-customer interactions. This comprehensive assessment method scrutinizes the API's performance in fundamental financial processes, with a specific focus on facilitating account balance reviews for both customers and merchants. <https://github.com/anika-tahsin4152/API-Automation-by-Postman.git>

2. API Performance Test using JMeter.

-In this project, I'm conducting a load test with 120,000 users over 12 hours on the URL <https://random-data-api.com/api/v2/users>. My goal is to assess if the system can meet the required Transaction Per Second (TPS) by comparing expected and actual TPS, recorded and analyzed in Excel, to ensure it can handle the intended user traffic effectively. <https://github.com/anika-tahsin4152/Random-User-API-Performance-Test.git>

3. Demo transaction API using JMeter

-The JMeter test plan simulates a positive financial transaction flow involving an admin, agent, and customer, encompassing agent and customer creation, deposits, transfers, balance checks, withdrawals, and payments. The JMX file ensures the precise execution and reliability of these financial operations within the system. <https://github.com/anika-tahsin4152/demo-transaction-api-jmeter.git>

4. D-Money API Automation Newman project.

-D-Money is an innovative demo financial project designed for testing and experimentation. This project provides a secure environment for simulating financial transactions without any real money involved. Within D-Money, the core functionality has been automated by integrating the D-Money API into Postman and Newman tools. <https://github.com/anika-tahsin4152/Dmoney-api-automation-newman-Projects.git>

5. Java-based simple quiz management system.

6. Web- Automation

7. TestNG

UNIVERSITY PROJECT

- **Identifying Offensive Threats from Social Media Posts In Bengali**

-This project employs deep learning models like mBERT, DistilBERT, Bangla BERT, XLM-RoBERTa Base, and XLM-RoBERTa Large to detect offensive text in Bengali social media posts. The dataset, originally consisting of 44,000 posts, was manually reviewed and edited to focus on 20,000 posts containing threats and offensive content for training and validation.

-<https://github.com/anika-tahsin4152/Bangla-Offensive-Text-Identifying-using-deep-learning-by-anika-tahsin-hridi.git>

EDUCATION

B.Sc. Computer Science, North South University, [2019-2023] CGPA: 3.08 out of 4.00

H.S.C Science, Milestone College, Uttara, Dhaka-1230 [2018] CGPA – 4.42 out of 5.00

S.S.C Science, Shariatpur Govt. Girls' High School, Shariatpur [2016]

SKILL

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|-------------------------|-----------------------|
| • Functional Testing | • Database Testing |
| • Regression Testing | • Exploratory Testing |
| • Performance Testing | • Smoke Testing |
| • Unit Testing | • Integration Testing |
| • Usability Testing | • Sanity Testing |
| • Load Testing | • Acceptance Testing |
| • Automation Testing | • Black Box Testing |
| • Cross-Browser Testing | • White Box Testing |
| • Web-Automation | • TestNG |

REFERENCES

Salman Rahman

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Cefalo

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Pallab Ahmed

SQA & Tech Support Engineer

SmartCrowd

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