

MD MAHMUDUL HASAN

Software Quality Assurance (SQA) Engineer

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Dhaka, Bangladesh



PROFESSIONAL SUMMARY

Results-oriented Software Quality Assurance (SQA) Engineer with 3+ years of hands-on experience in manual & automation testing across Web, iOS, and Android platforms. Experienced in building effective test cases, developing automation frameworks with Playwright and Selenium, performing API validation, working in CI/CD environments, and doing database testing. Strong team player in Agile/Scrum settings throughout the full software development lifecycle.

WORK EXPERIENCE

SQA Engineer

08/2022 – Present

Cloudly Infotech Ltd.

Dhaka, Bangladesh

- Created **test plans, test cases, and test reports** for web and mobile applications to ensure comprehensive quality coverage.
- Performed **functional, regression, smoke, sanity, and exploratory testing** across multiple application releases to validate feature stability.
- Developed **automation scripts using Playwright** to streamline repetitive test scenarios and accelerate testing cycles.
- Conducted **API testing using Postman** for REST endpoints to verify request-response accuracy and data integrity.
- Performed **basic security testing** to identify application vulnerabilities and ensure secure user interactions.
- Executed **performance and load testing** to evaluate system stability and responsiveness under varying load conditions.
- Collaborated with **developers and product teams** to resolve defects, clarify requirements, and improve overall product quality.
- Logged, tracked, and verified bugs throughout the testing lifecycle using structured workflows and clear documentation.

EDUCATION

Bachelor of Science in Computer Science & Engineering

Daffodil International University

January 2018 - February 2022

Dhaka, Bangladesh | CGPA: 3.59 / 4.00

Higher Secondary Certificate (HSC)

Govt. Shah Sultan College

January 2014 - December 2016

Bogura, Bangladesh | GPA: 4.25 / 5.00

Secondary School Certificate (SSC)

Faizullah High School

January 2012 - December 2014

Bogura, Bangladesh | GPA: 5.00 / 5.00

SKILLS

Programming Language: Python Java

Test Activities: Test Plans Test Cases Test Reports

Testing Scope: Web iOS Android

Web Automation: Selenium Playwright (Python)

Mobile Automation: Appium

API Testing: Postman

Database Testing: SQL AWS DynamoDB

Performance Testing: JMeter

Concepts: SDLC STLC

Project Management: Jira

CI/CD: Jenkins

Cloud: AWS AWS Lambda S3

Operating System: Linux Windows

Cyber Security: Security Testing

PROJECTS

InstaCircle

January-2023

InstaCircle is a SaaS mobile platform for iOS and Android.

- End-to-end quality assurance for a SaaS and enterprise mobile platform connecting alumni, clubs, and organizations with Networking, Event Management, Job Posting, Fundraising, and Forum Posts features.
- Built manual and exploratory test cases for critical user flows on both iOS and Android using **Appium**.
- Cross-browser and cross-device testing via **LambdaTest**; API integrations validated using **Postman**.
- Validated backend data consistency via **SQL queries** across multiple test environments.

Tech: Playwright (Python), Appium, Postman, SQL, LambdaTest

Influence Mobile – Survey

August-2022

Web-based real-time survey platform with CPX Research and InnovateMR integration.

- Designed test plans and executed functional, regression, and integration tests across complex survey workflows and data pipelines.
- Automated web UI scenarios using **Selenium (Java)**; verified real-time data via **AWS DynamoDB** for accuracy and consistency.
- Performed thorough **API endpoint testing** on survey provider integrations to ensure seamless data sourcing and reporting.

Tech: Selenium (Java), Postman, SQL, AWS DynamoDB, Jira