MD YUSUF AHMED

SQA Engineer | QA Automation Engineer (SDET)

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SUMMARY

QA Engineer with 3+ years in SaaS, fintech, and telecom, across manual and automated testing. Writes risk-based test cases, runs exploratory and regression testing, and builds Playwright automation in CI/CD. Works closely with developers, PMs, and business users to clarify requirements and ship stable releases. Also tests LLM chatbots for accuracy, hallucinations, and safety.

TECHNICAL SKILLS

Manual Testing: Risk-based Test Case Design, Exploratory, Functional, Regression, Smoke, UAT
Test Automation: Playwright, Cypress, Page Object Model (POM); familiar with Selenium and Appium
Languages & Databases: JavaScript, TypeScript, Python, SQL, PostgreSQL, MySQL
API & Performance: REST API Testing, Postman, k6
AI & LLM Quality: LLM Chatbot Testing, Prompt Engineering, Claude Code, LangChain
CI/CD & Tools: GitHub Actions, Git, GitHub, Jira, ClickUp, Azure Boards
Methods: Test Planning, Test Strategy, Requirement Analysis, Cross-team Collaboration, SDLC/STLC, Shift-left, Agile/Scrum

EXPERIENCE

Software QA Engineer
Aug 2025 – Present

SDS Manager · B2B SaaS for chemical safety compliance · Dhaka

- Write risk-based test cases and run exploratory, functional, and regression testing on SDS authoring workflows, catching compliance-critical defects across 7 regulations.
- Built and maintain a 220+ test Playwright + JavaScript suite (POM) with smoke tests in CI on every build, and fixed CI-only failures like config drift.
- Validate APIs in Postman and data in PostgreSQL so values stay correct from screen to database.
- Work daily with developers and PMs to clarify requirements and agree on release readiness.
- Own selected features end to end: define requirements and design, then drive them to release.
- Test AI features like an LLM chatbot for accuracy, hallucinations, unsafe answers, and consistency.
- Built an internal test management tool and Claude skills that automate bug reporting and standups.
- Mentor two junior QA engineers in test design and automation.

Product Acceptance Analyst (QA/UAT)
Oct 2024 – Jul 2025

SELISE Digital Platforms · Fintech and microfinance platforms · Dhaka

- Tested fintech and microfinance features end to end across browsers, running 100+ test cases per release in functional, regression, and UAT scope.
- Worked with business users in UAT and turned client feedback into clear defects and change requests.
- Initiated the team's Cypress automation framework with a reusable Page Object Model (POM).
- Validated 50+ REST APIs in Postman for microfinance flows, checking logic and data integrity.
- Streamlined defect reporting in Azure Boards and improved test documentation, helping developers fix critical bugs faster.

Software QA Engineer (Contract) May 2023 – Sep 2024

Banglalink (Under Response Ltd) · One of Bangladesh's largest telecom operators · Dhaka

- Tested the MyBL telecom app (Android and iOS), website, and e-commerce store across 10+ modules.
- Validated an LLM-based AI chatbot's responses against expected intents and behaviors, on a product serving millions of users.
- Ran full regression, sanity, and UAT suites each release and managed defects in Jira with developers.

Operation ERP System Intern Jun 2022 – Sep 2022

Dewhirst Shanta · Dhaka

- Supported functional testing of ERP modules, identifying and reporting system defects.

PROJECTS

APITrek Live | GitHub

- Live REST API testing workspace for structured API tests, with an endpoint coverage scorecard.

QA-Genius Live | GitHub

- AI QA tool that checks user stories, writes test cases, finds risks, and gives a ship verdict (Python, FastAPI).

Playwright Web Automation GitHub

- Playwright + JavaScript UI test suite with Page Object Model and GitHub Actions CI on every push.

EDUCATION

BSc in Computer Science and Engineering — City University, Dhaka Apr 2018 – May 2022

CERTIFICATIONS

- Anthropic Model Context Protocol (MCP) — Anthropic
- Career Essentials in Generative AI — Microsoft & LinkedIn Learning