

Arifin Mahmud

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📍 Dhaka, Bangladesh

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EDUCATION

BSc | Computer Science & Engineering (CSE),
Chittagong University of Engineering & Technology (CUET)

Chittagong, Bangladesh

PROFESSIONAL EXPERIENCE

Synesis IT PLC, Junior Software Quality Assurance Engineer

08/2025 – Present

Working on Conway, a cross-platform video conferencing solution, focusing on both manual and automation testing for web, mobile, and desktop platforms.

Dhaka, Bangladesh

- Automating different modules using Selenium WebDriver + Java + TestNG.
- Participating in manual testing: Functional, Regression, and UAT.
- Performing mobile app testing on Android and iOS.
- Collaborating with the whole team in Agile sprint cycles.
- Assisting in planning and expanding automation coverage.

Dream71 Bangladesh Ltd, Software Quality Assurance Engineer Trainee

05/2025 – 08/2025

- Gained QA experience on two government projects: **BTEB MIS** and **LGED LMS**.
- Gathered and clarified requirements with stakeholders and developers.
- Authored and executed **UI** and **API** test cases ensuring functional coverage.
- Conducted smoke testing, API validation (**Postman**), and load testing (**JMeter**).
- Maintained documentation and supported **UAT**, regression, and integration testing.

Dhaka, Bangladesh

PROJECTS & RESEARCH

Saucedemo Automation Testing | Selenium + TestNG + Java 🔗

- Developed robust **end-to-end** UI test suite validating full user journey from **login to checkout**.
- Applied Page Object Model (POM) to enhance code reusability and scalability across multiple test scenarios.
- Integrated structured **reporting and assertions** to ensure test reliability and facilitate clear execution analysis.

DemoQA Automation Testing | Selenium + JUnit + Java 🔗

- Automated **20+ UI test cases** using POM structure with Java & JUnit.
- Generated detailed **test reports** using Maven Surefire plugin for better test visibility, tested complex user interactions (alerts, forms, drag & drop).
- Improved test reliability by integrating waits and cross-browser checks.

Reqres API Testing | Postman + Newman 🔗

- Created **20+ test cases** covering GET, POST, PUT, DELETE valid/invalid scenarios.
- Automated **API collection** with **Newman** and generated test summary reports.
- Wrote **API documentation** simulating real-world QA deliverables.

Swag Labs Manual Testing | Functional + UI 🔗

- Developed a comprehensive **test plan** outlining scope, strategy, and schedule; designed and executed **40+ test cases** using BVA, EP, and exploratory techniques.
- Reported **15+ bugs** with repro steps, visuals, and severity levels via **GitHub Issues**, and suggested UX/functionality improvements.

Papaya Diseases Recognition (Thesis Project) 🔗

- Created a **custom dataset of 10 papaya leaf/fruit** categories; applied **K-Means clustering & GLCM**.
- Achieved over **87.6% classification accuracy** using **K-Nearest Neighbors (KNN)**.

SKILLS

SQA Skills:

- **Manual Testing:** Functional, Non-functional, Test Case Design, Execution & Evaluation
- **Automation:** Selenium WebDriver, JUnit, TestNG
- **API Testing:** Postman, Newman
- **Performance Testing:** JMeter
- **Methodologies:** SDLC, STLC, Bug Life Cycle, Agile Scrum
- **Project Management Tools:** Jira

Technical Skills:

- **Programming Languages :** Python, Java
- **Web Tech:** HTML, CSS
- **Database:** MySQL
- **Version Control:** Git, GitHub
- **CI/CD:** Jenkins

EXTRA-CURRICULAR ACTIVITIES

IT Secretary, Dhaka College Association of CUET - DCAC

Chittagong, Bangladesh