

# ABRAR RAGIB

## Software Quality Assurance Engineer

+880 1746-995446 | [arsragib@gmail.com](mailto:arsragib@gmail.com) | [linkedin.com/in/abrar-ragib](https://linkedin.com/in/abrar-ragib) | [github.com/AbrarRagib](https://github.com/AbrarRagib) | [abrarragib.github.io](https://abrarragib.github.io)  
| Dhaka, Bangladesh

### PROFESSIONAL SUMMARY

SQA Engineer (1+ yr) testing government-scale and enterprise software across the full QA lifecycle — AI-assisted automation (Selenium, Playwright), API validation, and JMeter performance testing. Cut manual regression 35% while sustaining 98% defect reproduction accuracy in Agile teams.

### WORK EXPERIENCE

#### Software Quality Assurance Engineer · [Apurba Technologies Ltd.](#) *June 2025 – Present | Dhaka, Bangladesh*

- Owned end-to-end QA for OCR and accessibility government platforms — functional, regression, and cross-platform testing in Agile sprints.
- Built Selenium (Python) test automation, accelerated with AI assistants (Claude Cowork), cutting manual regression by 35% and freeing the team for exploratory coverage.
- Validated government accessibility systems against compliance standards, improving reliability and audit readiness.
- Authored test cases, bug reports, and release notes that sped QA–Dev handoff and reduced re-open rates.

#### Software Quality Assurance Trainee · [Dream71 Bangladesh Ltd.](#) *June 2024 – October 2024 | Dhaka, Bangladesh*

- Ran functional and regression cycles for UNDP-funded government digital-transformation projects across web and mobile.
- Designed and ran Apache JMeter performance/load tests that informed pre-release infrastructure decisions.
- Triaged and tracked critical defects in Jira, driving timely, verified resolutions with developers.

#### Executive Officer · [Data-Path Ltd.](#) *November 2022 – January 2024 | Dhaka, Bangladesh*

- Validated 401(k) plan data for U.S. clients with an accuracy-first workflow transferable to QA.
- Automated reporting with Excel macros and SQL, cutting processing time and manual errors.

#### Teaching Assistant — Computer Science · [American International University–Bangladesh \(AIUB\)](#) *June 2021 – January 2022 | Dhaka, Bangladesh*

- Led C++ and computer graphics labs for 100+ students, translating complex concepts into hands-on exercises.

### TECHNICAL SKILLS

Testing	Manual · Functional · Regression · Smoke · Sanity · API · Performance · Load · Accessibility · Cross-Platform
Automation	Selenium (Python) · Playwright · AI-Assisted Test Automation · Test Suite Design · CI/CD Integration
Performance	Apache JMeter — Load, Stress & Scalability Testing
API Testing	Postman · REST API Validation · Python requests library
Bug Tracking	Jira · GitHub Projects · Confluence · Test Management
Languages	Python · Java · C# · SQL
DevOps / SCM	Git · GitHub · CI/CD · Agile · Scrum · STLC · SDLC
Databases	MySQL
Tools / IDEs	VS Code · IntelliJ IDEA · Postman · Claude Cowork (AI Assistant) · MS Excel
Currently Learning	Machine Learning · Docker · Kubernetes · Kafka · RabbitMQ · Redis · Microservices · WebSocket
Soft Skills	Team Collaboration · Analytical Thinking · Attention to Detail · Problem Solving · Time Management · Communication

## KEY PROJECTS

---

### Apurba Technologies Ltd.

- ▶ **Bangla OCR System (Govt. — [ocr.bangla.gov.bd](http://ocr.bangla.gov.bd))** [Selenium, JMeter, Manual Testing, Windows/Linux/Android] — Led SQA for the national OCR portal, working with ML engineers to validate text accuracy and CRR (Character Recognition Rate); verified layout-preserving conversion of multi-column newspaper images to editable DOCX; tested MS Word/LibreOffice plugins across Windows, Linux, Web, and Android.
- ▶ **Kagoj.ai — AI-Based Bangla OCR (Govt. — [kagoj.ai](http://kagoj.ai))** [Functional Testing, Edge-Case Testing, Defect Documentation] — Partnered with ML engineers to validate AI text-extraction accuracy and image-upload workflows; logged defects and proposed usability fixes adopted in the next release.
- ▶ **Screen Reader ALO — Accessibility Application (Govt.)** [Accessibility Testing, Cross-Platform, Mobile & Desktop] — End-to-end SQA for a screen reader for visually impaired users; validated WCAG-aligned functionality across Windows and Android.
- ▶ **Font Conversion Engine (Govt. — [fontengine.bangla.gov.bd](http://fontengine.bangla.gov.bd))** [Cross-Platform Testing, Compatibility Testing] — Tested ASCII-to-Unicode Bangla font conversion across web and desktop; ensured version compatibility and consistent usability.
- ▶ **Apurba HRM ([hrm.apurbatech.io](http://hrm.apurbatech.io))** [Manual · Regression · Playwright · API Testing · Jira] — Manual and regression testing of HRM modules (leave, attendance, payroll); built Playwright scripts for API endpoint testing and tracked bugs in Jira with severity classification.
- ▶ **Apurba Fin Doc ([findoc.apurbatech.io](http://findoc.apurbatech.io))** [OCR Testing · Automation · Postman · API Testing] — Functional and regression testing of an OCR platform for bank and financial documents, collaborating with ML engineers on OCR accuracy; validated upload flows and data extraction, automated processing workflows, and ran Postman API checks (defects tracked in GitHub Projects).

### Dream71 Bangladesh Ltd.

- ▶ **BSCIC Online Market — E-Commerce Platform (Govt. — [bscicmarket.gov.bd](http://bscicmarket.gov.bd))** [Apache JMeter, Load Testing, Performance] — Ran JMeter load/performance tests simulating 10,000+ concurrent users; surfaced bottlenecks and validated scalability before national rollout.

### Personal Projects (GitHub)

- ▶ **Amazon UI Automation** [Selenium · Python · Page Object Model]
- ▶ **Daraz UI Automation** [Selenium · Python · E-Commerce Flows]
- ▶ **API Test Automation** [Postman · Python · REST API]
- ▶ **Spotify API Integration** [Python · REST API · OAuth]
- ▶ **JMeter Load Testing (Restful-Booker)** [Apache JMeter · Performance]
- ▶ **Security Testing** [Web Security · OWASP]

## EDUCATION

---

### B.Sc. in Computer Science and Engineering (CSE)

2018 – 2022

American International University – Bangladesh (AIUB)

## CERTIFICATIONS

---

- ▶ SQA Trainee Certification — Dream71 Bangladesh Ltd. [View Certificate](#)

## KEY ACHIEVEMENTS

---

- ▶ 98% defect reproduction accuracy sustained across all test cycles and releases.
- ▶ 35% reduction in manual regression via Selenium/Playwright automation at Apurba Technologies.
- ▶ 40% increase in API test coverage through a custom Python validation framework (Postman, Playwright).
- ▶ 10,000+ concurrent-user load tests validated for a national government e-commerce platform.

## LANGUAGES

---

**English** — Fluent (Professional Working Proficiency)   **Bangla** — Native