MD. AL- AMIN Quality Analyst

✉ alamin.career.21@gmail.com 📞 01770003416 📍 Azimpur, Dhaka in LinkedIn

⌽ GitHub

🪪 CAREER OBJECTIVE

Experienced Quality Assurance Analyst with comprehensive expertise in web, mobile, and API testing across enterprise environments serving global clients including Coca-Cola, Japan Tobacco International, and Unilever. Proficient in modern automation frameworks (Cypress, K6, Postman, Appium), advanced database management (MySQL, PostgreSQL, SQL), and distributed management systems testing. Proven track record of delivering high-quality software solutions through systematic QA processes, data-driven analysis, and comprehensive testing methodologies across diverse industry sectors including e-commerce, healthcare diagnostics, railway management, and enterprise distributed systems. Strong analytical skills combined with leadership experience and commitment to ensuring software excellence through rigorous testing protocols and continuous quality improvement initiatives.

💼 PROFESSIONAL EXPERIENCE

Computer Ease Limited, Quality Assurance Analyst   March 2025 – present
                                                                        Dhanmondi, Dhaka
- Lead QA for distributed management systems (DMS) serving Fortune 500 clients: **Japan Tobacco International (JTI)**, **Abul Khair Group (AKG)**, **Coca-Cola**, **FINIS**, **ARLA**, and **Unilever**
- Manage end-to-end testing for JTI and AKG web applications, dashboards, and enterprise DMS platforms
- Execute comprehensive web, mobile, and API load testing across multi-client distributed architectures
- Apply database expertise (MySQL, PostgreSQL, SQL) for data validation across enterprise-grade systems
- Coordinate testing workflows using JIRA and Trello, managing defect lifecycles for multiple high-profile projects
- Implement automation frameworks and data-driven testing strategies for scalable international corporation systems

IT Training Bd, Trainee Quality Assurance (QA)   2024
                                                                        Dhaka, Bangladesh
- Developed comprehensive test cases, detailed reports, and systematic bug summaries
- Gained foundational expertise in industry-standard QA tools and methodologies
- Established strong foundation in testing principles and quality assurance best practices

🎓 EDUCATION

B.Sc. in Computer Science and Engineering, Ahsanullah University of Science & Technology   2019 – 2023
                                                                                                  Dhaka, Bangladesh

🧠 TECHNICAL SKILLS

Automation Testing Expertise
- **Web Automation:** Cypress, Selenium WebDriver
- **API Testing:** Postman, K6, REST API Testing
- **Performance Testing:** K6, Load Testing, Stress Testing
- **Mobile Testing:** Appium (iOS & Android)
- **Test Frameworks:** PyTest, TestNG, Mocha

Programming & Scripting
- **Languages:** Python, Java, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap
- **Database Management:** MySQL, PostgreSQL
- **Scripting:** Shell Scripting, Batch Scripts

Manual Testing Proficiency
- Unit Testing, Integration Testing, System Testing
- User Acceptance Testing (UAT), Regression Testing
- Database Testing, Mobile Application Testing
- Cross-browser and Cross-platform Testing

Test Management
- Test Strategy Development, Test Plan Creation
- Test Case Design and Documentation
- Defect Lifecycle Management
- Test Progress Reporting and Metrics Analysis

Tools & Technologies
- **Project Management:** JIRA, Trello, Azure DevOps
- **Version Control:** Git, GitHub
- **Documentation:** Comprehensive test documentation and reporting
- **Operating Systems:** Linux, Windows
- **Office Suite:** Microsoft Office, Excel, Google Workspace

📁 PROJECTS

API Testing Automation Framework ⧉
Built API tests for ReqRes with Python, Requests, and PyTest. Covered CRUD operations and errors, logged results on GitHub

Health & Nutrition Tracker with Personalized Insights ⧉
The Health & Nutrition Tracker is a Streamlit-based app built with Python and PostgreSQL, enabling users to securely register, log daily food intake, set calorie/protein goals, and visualize nutrition data interactively.

Enterprise Data Validation and Reporting Suite ⧉
Validated 50-employee CSV and 30-transaction JSON datasets with 10 tests using Python, pandas, and pytest. Generated Excel reports and charts.

Manual Testing: DemoQA Elements, Manual Testing, Google Docs, GitHub ⧉
Executed 50 manual test cases on DemoQA Elements, identifying 5 bugs (e.g., output overflow, invalid email feedback). Documented test cases and bug reports in separate PDFs, hosted on GitHub with 5 screenshots

🏠 LEADERSHIP & ORGANIZATION

AUST CSE Society, Society Representative(SR)   2020 – 2023
- **Event Leadership:** Successfully orchestrated AUST CSE Carnival 1.0 and Odyssey Spring 2022,   Dhaka, Bangladesh
  implementing data-driven event management strategies
- **Sports Management:** Directed Naimul Memorial Cricket League Spring 2022, fostering cross-departmental collaboration and team building
- **Community Building:** Enhanced student engagement through innovative programming and leadership initiatives

⚙ REFERENCE

Sabiul Islam Rashed, *Senior SQA and Automation Engineer,* Portonics Ltd
234sabiul@gmail.com

Dr. S.M.A. Al-Mamun, *Professor,* Department of Computer Science and Engineering
almamun@aust.edu