

# MEJBAUR BAHAR

Senior Software Engineer QA | QA Automation &  
AI Testing Specialist



✉ fagun115946@gmail.com

📞 +8801316314566

🏳 Bangladeshi

.linkedin.com/in/mejbaur

🌐 https://github.com/fagun18

## Professional summary

Senior Software QA Engineer with 5+ years of experience in **manual, automation, API, performance, security, and AI/ML testing**. Expert in **Playwright, Selenium, Cypress**, and CI/CD pipelines. Skilled in testing TTS, NLP, and AI models, ensuring robustness, bias mitigation, and security compliance. Proven record of **reducing defect leakage by 20%** and **cutting regression time by 35%** through effective test strategies and team leadership.

## Work history

Nov 2025 – Present Dhaka, Bangladesh	<b>Senior Software Engineer QA</b> <i>Markopoloo.ai</i> <ul style="list-style-type: none"><li>Lead QA for AI-driven TTS models and multi-channel campaign agents.</li><li>Architect scalable test automation frameworks, CI/CD pipelines, and AI/ML evaluation protocols.</li><li>Mentor QA team, define KPIs, and implement company-wide QA best practices.</li><li>Validate model accuracy, robustness, prosody, intelligibility, and prompt injection resistance.</li></ul>
Aug 2023 – Oct 2025 Rajshahi, Bangladesh	<b>Software Engineer in Test (L2)</b> <i>Developer experience Hub</i> <ul style="list-style-type: none"><li>Skilled in QA automation, security assurance, performance, and functional testing</li><li>Ensured reliable, high-quality product delivery through test strategy and agile QA practices</li><li>Tested AI-driven applications by validating model accuracy, bias, and robustness against adversarial inputs.</li></ul>
Aug 2022 – Aug 2023 Rajshahi, Bangladesh	<b>Jr Software QA Engineer</b> <i>Developer experience Hub</i> <ul style="list-style-type: none"><li>Ensured product quality and reliability through thorough testing and analysis</li><li>Collaborated with cross-functional teams to resolve issues and support successful product launches</li></ul>
Mar 2022 – Jul 2022 Rajshahi, Bangladesh	<b>Software QA Engineer (Internship)</b> <i>Developer experience Hub</i> <ul style="list-style-type: none"><li>Conducted testing and analysis to identify bugs</li><li>Collaborated with developers and created test cases</li></ul>
Dec 2021 – Feb 2022 NY, USA	<b>Software Testing</b> <i>GAOTek Inc.</i> <ul style="list-style-type: none"><li>Ensured software quality through test planning, execution, and defect management</li><li>Collaborated with development teams to identify issues and enhance user experience</li></ul>
May 2021 – Jul 2021 Dhaka, Bangladesh	<b>Software Testing (Mobile Apps and Payment Gateway systems)</b> <i>Orion Informatics Ltd</i> <ul style="list-style-type: none"><li>Ensured secure, reliable, and functional mobile payment applications</li><li>Collaborated with development teams to enhance performance and usability</li></ul>

## Education

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09/2017 – 08/2021      **BSc: CSE, Computer Programming**  
Bangladesh              *Bangladesh University*  
                            CGPA: 3.74 on a scale of 4.00

## Skills

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### Testing & QA

Manual, API (Postman, Swagger), Regression, E2E, Mobile, Cross-browser, Database (MySQL)

### Automation

Playwright, Selenium, Cypress, Appium, TestNG, PyTest, JUnit

### Performance

JMeter, K6, Locust

### Security

Burp Suite, OWASP ZAP, Nuclei, SQLMap, Nikto, Wfuzz

### Programming

Python, JavaScript, TypeScript, Bash

### Tools

Git/GitHub, Jira, Trello, YouTrack, OpenProject, Docker, CI/CD (GitHub Actions, Jenkins)

### AI/ML Testing

Model Validation, Bias & Fairness, Prompt Injection, LLM Security, Hugging Face, LangTest, Promptfoo

### Methodologies

Agile, Scrum, Test Case Design, BDD/TDD

## Awards, Accomplishments, and Honours

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01/01/2018      **1st Runner-up Programming Contest at CSE Family Fest 2018.**  
                            Bangladesh University [↗](#)

07/2025      **Top 1000 Rank on Try Hack Me: #770 Worldwide! #12 in Bangladesh**  
                            Try Hack Me [↗](#)

## Bug Bounty Achievements

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- **Improper Handling of X-Forwarded-Host Header** – NASA
- **Sensitive Internal Data Publicly Accessible via NASA Website** – NASA
- **Business Logic Vulnerability: Message Limit Bypass** – ChatGPT
- **403 Bypass via Different Request Method** – nsw.gov.au [↗](#)

## Projects

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08/2025 – Present      **Fagun Playwright Test Automation Framework** [↗](#)  
                            *Test automation framework built with Playwright and TypeScript, following ISTQB standards.*

12/2025 – Present      **KoyJabo.com – Smart Transport Guide Platform** [↗](#)  
                            Designed and developed a web platform to help users find bus routes, fares, and transport guidance across Dhaka and Bangladesh, with offline support and free access.

01/2024 – 08/2025      **Bugs Matrix SQA Testing Tools Hub** [↗](#)  
                            All-in-one browser extension designed to streamline software testing workflows.

04/2025 – 12/2025      **Fagun XSS Recon**  
                            FagunXssRecon is a guided recon and filtering toolkit that prepares high-signal URL targets for XSS testing. It automates domain enumeration, crawling, de-duplication, parameter discovery, and smart reduction—so you can spend time validating real findings.

## Certifications

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- Advanced Appium
- Automated Visual Testing with Appium
- Certified Ethical Hacker (CEH)
- LambdaTest Test Automation Professional Certificate
- Codeless Test Automation with Selenium IDE
- Certified AppSec Practitioner (CAP)

## Volunteer

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01/2022 – 02/2024

### Team Matrix - Elite Hacker

*Campus Ambassador*

- Empowered students by providing free educational resources
- Promoted collaboration and addressing specific academic needs

## Leadership Skills

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- Team lead for a 8-member SQA team, improving test coverage and reducing defect leakage by 20% through efficient test planning and execution.
- Team lead for an Automation Testing Team, driving framework development and CI/CD integration that reduced regression testing time by 35%.