

Maisha Maliha Chowa

SQA Automation Engineer

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I am a Detail-oriented SQA Automation Engineer at Koolio.ai, specializing in architecting robust testing frameworks for AI-driven audio editing platforms. Leveraging a strong foundation as an MERN stack engineer, I bridge the gap between development and quality to ensure seamless, end-to-end delivery. Growth-oriented and always evolving with the latest in tech.

Work Experience

SQA Automation Engineer — Koolio.ai

Palo Alto, California, USA | Remote
April, 2024 – Present

Tech Stack: Playwright, Selenium, Postman, Locust, GitHub Actions, PostgreSQL, GCP

- SQA Engineer responsible for end-to-end quality assurance of an AI-powered audio editing platform.
- Led **manual testing and UI automation** for the early product versions using **Selenium WebDriver**, ensuring stability during initial releases.
- Designed and owned the **entire test strategy and test case suite** for the new platform version, aligned with evolving product requirements.
- Performed **functional, regression, and exploratory testing**, managing the complete **bug life cycle** from identification to release validation.
- Built and maintained **UI and API automation frameworks using Playwright (Python)**, including API monitoring and validation.
- Conducted **API testing** using **Postman** and supported backend validation through **database testing (PostgreSQL)**.
- Executed **load and stress testing using Locust** to validate system performance under concurrent audio processing workloads.
- Integrated automated test suites into **CI/CD pipelines using GitHub Actions**, enabling continuous testing and faster, reliable deployments.
- Collaborated closely with product managers and developers to ensure high-quality releases in a fast-paced startup environment.

Skills

Testing Frameworks: Playwright, Selenium WebDriver, PyTest.

API Testing & Tools: Postman, REST Assured, Swagger, API mocking.

Performance & Load Testing: Locust, JMeter.

Languages & Frameworks: Python, JavaScript (ES6+), TypeScript.

Databases & Cloud: MongoDB, PostgreSQL, Google Cloud Platform (GCP), Firebase.

DevOps & Tools: GitHub Actions (CI/CD), Git, Docker, GitHub Projects, Jira.

Core Competencies: Automated UI/API Testing, Manual Testing, Bug Life Cycle Management, Test Planning, Performance Monitoring.

Education

BSc in Computer Science & Engineering
Mawlana Bhashani Science & Technology University
CGPA - 3.59
2019 - 2024

Languages

Bangla - Native | English - Fluent