# Niloy Zaman

## Lead QA Engineer

New York, NY (929) 350-5817 niloy@nzaman.us niloyzaman.com

### PROFESSIONAL PROFILE

Quality engineering leader with 8+ years of experience across financial services, healthcare, and digital platforms. Leads risk-based testing, automation governance, release-readiness decisions, and cross-functional delivery for complex systems. Combines AWS cloud architecture knowledge with hands-on application, API, database, and generative-AI validation, translating technical findings into clear recommendations and corrective actions.

### SELECTED AI PROJECTS

**Agentic Testing Framework** · Designed an AI-assisted framework to traverse workflows, generate test data, execute tests, and route defects with contextual evidence.

**Copilot Studio QA Agents** · Built custom agents to streamline test orchestration, evidence collection, and triage so engineers could focus on complex, high-risk scenarios.

### PROFESSIONAL EXPERIENCE

**Lead QA Engineer · Fitch Solutions** 07/2022–Present

New York, NY

- Lead regression and integration testing for generative-AI capabilities, including prompt behavior, content ingestion, and Model Context Protocol workflows; develop AI-assisted evidence and triage approaches.
- Lead quality engineering across multiple product squads, coordinating priorities, workload, coaching, test coverage, and quality outcomes for financial-services information products.
- Define risk-based test strategy, quality gates, and release-readiness criteria; analyze coverage, defects, stability, and cycle-time trends and present recommendations to leadership.
- Design and evolve automation frameworks using Python, Playwright, Behave/Gherkin, BDD, Selenium, and Java; guide code reviews and standards that improve maintainability and reliability.
- Integrate smoke and regression suites into Azure DevOps pipelines with tagged execution, browser selection, parallel processing, and traceable reporting to accelerate feedback and reduce release risk.
- Expand end-to-end validation across user interfaces, APIs, databases, and integrations; partner with developers, analysts, and product leaders to clarify requirements and resolve defects.

**Senior QA Engineer · Fitch Ratings** 11/2021–07/2022

New York, NY

- Automated critical ratings-platform workflows using Selenium, Cucumber, Gherkin, and Page Object Model practices, with execution integrated into Bamboo CI.
- Collaborated with product and engineering teams to define scope, acceptance criteria, test data, and regression coverage; communicated defects and quality risks to support release decisions.
- Evaluated mobile-testing needs and recommended tools and implementation approaches based on system requirements, maintainability, and delivery priorities.

# Niloy Zaman

Lead QA Engineer

## PROFESSIONAL EXPERIENCE CONTINUED

### QA Automation Engineer · Bank of America

08/2019–08/2021

New York, NY

- Built a scalable Java, Selenium, and TestNG Page Object Model framework that reduced development time for new automated test scripts by 50%.
- Integrated automated suites into Jenkins pipelines and implemented parallel execution and reporting to shorten feedback cycles and improve visibility into software quality.
- Performed peer reviews, enforced coding and automation standards, analyzed failures, and partnered with developers to resolve defects in a regulated financial-services environment.

### QA Engineer · Everyday Health

07/2018–08/2019

New York, NY

- Developed Selenium Page Object Model automation for priority user journeys and executed system, regression, and release testing for web applications.
- Authored UAT documentation and performed SQL-based backend validation to confirm data accuracy, application behavior, and alignment with business requirements.

### QA Engineer · MetroPlus Health

11/2017–06/2018

New York, NY

- Implemented data-driven Selenium and TestNG automation and managed defects through HP ALM across eligibility and claims-related workflows.
- Executed backend SQL testing to validate data integrity, investigated discrepancies, and documented results for technical and business stakeholders.

## CORE EXPERTISE

Risk-Based Testing · IT Risk and Controls · Cloud Architecture · SDLC Governance · Automation Strategy · API and Data Validation · CI/CD · Quality Metrics · Stakeholder Communication

## CREDENTIALS

**Certifications** · AWS Certified Solutions Architect - Associate | PMP | ISTQB CTFL | Google IT Automation with Python

**Education** · Bachelor of Arts, City College of New York, CUNY

## TECHNOLOGY

Selenium, WebDriver, Grid, Playwright, Cucumber JVM, Behave, Gherkin, Java, Python, JavaScript, SQL, TestNG, REST Assured, Postman, Swagger, JSON, GraphQL, Jenkins, Bamboo, Azure DevOps, Git, GitHub, Bitbucket, AWS, PostgreSQL, MySQL, MongoDB, Oracle, Datadog, SonarQube, Extent Reports, Log4j, Copilot Studio, Amazon Q