

Ryan Mitchell

Software Engineer in Test

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SUMMARY

Dedicated Software Engineer in Test with over 3 years of quality assurance and automation testing expertise in high-performance, data-intensive environments. Enjoy building and maintaining automated test frameworks using Java and Python to ensure application integrity and stability. Experienced in creating BDD test scenarios with Cucumber while conducting UI automation through Selenium and Playwright. Comprehensive skills in API testing for REST and SOAP services underpinned by strong SQL knowledge for backend validation. Familiar with containerization using Docker and Kubernetes and skilled in Unix/Linux system testing. Committed to collaborating effectively with teams, driving continuous improvement, and deploying quality software solutions.

EXPERIENCE

Software Engineer in Test

Tech Innovations LLC 📅 January 2024 - Present 📍 New York, NY

Lead the efforts in automated and manual testing while enhancing built-in test frameworks. Drive collaboration with engineering teams for stability improvements in deployments.

- Design and implement automated and manual test cases for complex software systems.
- Enhance and develop test automation frameworks using Java and Python.
- Collaborate with cross-functional engineering teams to identify defects for timely resolution.
- Support continuous integration processes utilizing Jenkins to optimize testing workflows.

QA Engineer

NextGen Tech Solutions 📅 June 2022 - December 2023 📍 Remote

Focused on establishing robust quality assurance practices focused on balancing performance and reliability for software releases. Continuously collaborated with stakeholders.

- Conducted front-end UI automation testing using Selenium and Playwright.
- Created during functional stress testing for both REST and SOAP APIs to ensure quality outcomes.
- Developed and maintained BDD test scenarios leveraging the Cucumber framework.
- Participated actively in Agile team meetings promoting adaptive quality strategies.

Junior QA Engineer

Digital Finance Corp 📅 May 2021 - May 2022 📍 New York, NY

Contributed within fast-paced teams delivering high-quality systems through automation improvement and troubleshooting methodologies.

- Executed UI automation tests for efficient verification across applications using diverse tools.
- Validated back-end functionality through SQL database checks ensuring data integrity.
- Collaborated with development teams improving communication of bugs and service outages.
- Engaged directly with Agile releases ensuring optimal software quality prior to deployment.

LEADERSHIP & AWARDS

- Leadership Award for Innovative Testing Strategies at Tech Innovations LLC - 2025
- Outstanding Performance in Quality Assurance at NextGen Tech Solutions - 2023

EDUCATION

Master's Degree in Computer Science

Columbia University 🎓 GPA: 3.8 📅 2023 📍 New York, NY

Coursework: Advanced Programming, Software Testing, Database Management, System Architecture

Bachelor's Degree in Computer Science

Columbia University 🎓 GPA: 3.7 📅 2021 📍 New York, NY

Coursework: Data Structures, Algorithms, Web Development, Networking Fundamentals

CERTIFICATIONS

- Certified Software Tester 📅 2023
- Automated Software Testing Certification 📅 2024

TECHNICAL SKILLS

- **Test Automation Tools:** Selenium, Playwright, Cucumber, JUnit, TestNG
- **Continuous Integration Tools:** Jenkins, CircleCI, Travis CI
- **Database Management Tools:** MySQL, PostgreSQL, SQLite
- **Language Proficiency:** Java, Python
- **Containerization Technologies:** Docker, Kubernetes
- **Operating Systems:** Unix, Linux, Windows
- **Monitoring Tools:** Grafana, Splunk, Prometheus
- **Web Technologies:** HTML, CSS, RESTful Services
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Project Management Tools:** JIRA, Asana, Trello

SKILLS

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|------------|---------------|-------------|-----------------------|
| • Java | • API Testing | • Unix | • Agile Practices |
| • Python | • SQL | • REST APIs | • Performance Testing |
| • Selenium | • Docker | • SOAP APIs | • Test Automation |
| • Cucumber | • Kubernetes | • CI/CD | • Messaging Systems |

PROFESSIONAL AFFILIATIONS

- Member of the International Software Testing Qualifications Board (ISTQB)
- Volunteer Tester for Open Source Projects on GitHub

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST