Michael Thompson

QA Automation Engineer

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LinkedIn   GitHub   LeetCode   Portfolio

PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 4 years of hands-on experience building robust automation solutions for web, API, and mobile applications. Strong expertise in Java-based test frameworks, CI/CD integration, performance testing, and cloud-enabled QA environments, consistently delivering high-quality software in Agile teams.

TECHNICAL SKILLS

Languages: Java

Frameworks: Selenium WebDriver, TestNG, JUnit, Cucumber, Playwright, Appium

Databases: MySQL

Cloud: AWS

Tools: Postman, Rest Assured, Git, Jenkins, Docker, JIRA, JMeter

PROFESSIONAL EXPERIENCE

Senior QA Automation Engineer   2022-01 - 2026-01

TechVision Solutions

Led the design and evolution of a scalable QA automation framework using Java, Selenium, and Playwright, increasing automated regression coverage to 90%. Implemented API automation with Rest Assured and Postman, reducing critical production defects by 35%. Integrated Dockerized test execution into Jenkins CI/CD pipelines and introduced Appium-based mobile testing, cutting release validation time by 40%. Conducted performance testing with JMeter and supported cloud-based test environments on AWS.

Technologies: Java, Selenium WebDriver, TestNG, JUnit, Cucumber, Playwright, Postman, Rest Assured, SQL, JDBC, MySQL, Git, Jenkins, Docker, JIRA, Appium, JMeter, AWS

PROJECTS

Unified Test Automation Platform (open-source)   6 months · GitHub

Developed an open-source, containerized automation framework supporting web and API testing with BDD. Achieved consistent execution across environments and increased contributor adoption through clear documentation and modular design.

Technologies: Java, Selenium WebDriver, TestNG, Cucumber, Docker, Jenkins, MySQL

EDUCATION

Bachelors in Software Engineering

Monash University, 2021 | GPA: 3.7

CERTIFICATIONS

ISTQB Certified Tester – Foundation Level

AWS Certified Cloud Practitioner