



DEVAYANI M

QA/Test Automation Engineer

Detail-oriented QA/Test Automation Engineer with over 5.5 years of hands-on experience in mobile SDK testing, integration, and quality assurance within cybersecurity and cloud environments. Proven expertise in test automation using Python, Selenium, and Robot Framework. Adept in mobile testing across iOS and Android, API validation, regression testing, and CI/CD workflows. Strong collaborative background in Agile cross-functional teams. Currently pursuing a Master of Science in Technology focused on Strategic Project Management.

CORE SKILLS

Test Automation

Functional Testing

CI/CD

Android

Integration testing

Python

WORK EXPERIENCE

QA Engineer / SDET I

Apr 2022 - Oct 2024

Skyhigh Security (Formerly McAfee Enterprise)

I maintained mobile and backend SDK quality for CASB products with microservices architecture and automated cross-platform test cases using Python, Pytest, and Robot Framework as part of testing : conducted system, regression, and API testing for secure cloud services.

Built Jenkins pipelines for continuous integration and monitored test execution.

Performed microservice deployment using Jenkins and Harness.

Managed test case creation, bug tracking, and release cycles using Jira.

Collaborated closely with mobile and backend teams to drive shared QA ownership.

Senior Software Engineer - QE

Apr 2021 - Apr 2022

Zymr Systems

I validated integration and release quality for cybersecurity solutions, ensuring robust end-to-end performance. I developed both manual and automated test cases for Android and iOS platforms using Python Robot Framework and Selenium. By implementing comprehensive QA coverage and enhancing pipeline testing, I successfully reduced production defects by 50%. My work was embedded within CI/CD environments utilizing Jenkins, Docker, and Kubernetes. Additionally, I led testing initiatives for cross-functional features, including performance validations, to maintain high product standards.

Testing Engineer

Aug 2019 - Mar 2021

Crown Solutions India Pvt Ltd

I designed, implemented, and maintained automated test cases across iOS, Android, and backend services using Python (Pytest), and Selenium. My work involved executing functional, regression, and compatibility testing across a variety of devices and OS combinations for a cloud management platform. I conducted integration and performance testing for cross-platform features, validating AWS and Azure integrations to ensure system-wide compatibility. I also investigated and triaged defects across mobile apps, SDKs, and backend services, while creating detailed test cases and managing issues through Jira. Additionally, I contributed to test tooling, release quality gates, and CI/CD workflows, collaborating closely with mobile and backend developers to promote a strong culture of shared quality ownership.

Application Development Associate

Apr 2019 - Jul 2019

Accenture

Integrated automated testing in the delivery pipeline, reducing software delivery time by 15%.
Streamlined regression and smoke testing activities across deployments.

EDUCATION

Master of Science in Technology, Strategic Project Management

Oct 2024 - Dec 2025

University of Vaasa

Bachelor of Technology, Electrical and Electronics Engineering

Aug 2013 - May 2017

National Institute of Science and Technology

SKILLS

Administration

Jira

Backend

Python Java

Cloud Platforms

Azure AWS

Dev Tools

Git

Infrastructure & CI/CD

Jenkins Docker

Kubernetes CI/CD

Methodologies

Scrum

Mobile Technologies

Android iOS Enterprise app distribution

iOS Android Kotlin

Other Technologies

Windows Linux

QA & Accessibility

Selenium Robot Framework

Pytest Functional Testing

Integration testing Automation Testing