

Rashmi Tidke

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Profile Summary

- Results-driven **Test Automation Lead** with over **15 years of experience** in designing and implementing robust, scalable, and maintainable test automation frameworks across web, mobile, API, and ETL layers.
- Proven expertise in **Selenium, Playwright, Appium, Robot Framework, Pytest, and WDIO** with hands-on programming in **Python, TypeScript and C#.NET**.
- Adept at driving quality engineering strategies, mentoring teams and aligning automation practices with business goals.
- Actively seeking a challenging role as an **Automation Architect** to build enterprise-level testing solutions and drive quality-first culture.

Technical Skills

Programming Languages: Python, Typescript, C#, Powershell

Automation Tools: Selenium, Playwright, Appium, Pytest, Robot framework, WDIO, Pester

API Testing Tools: Postman

CI/CD & DevOps: Jenkins, Azure DevOps

Cloud/Infra: Kubernetes, PowerShell, Pester, **Azure, AWS** (basic)

Testing Types: UI, API, Mobile, ETL/Data Testing, Infrastructure (IaaS)

Test Management: **Azure Devops, JIRA, Zephyr**

Professional Experience

Lead Test Automation Engineer
Globant India Pvt. Ltd., Pune

05/2018 – Present

- Lead the design and implementation of a scalable test automation framework using **Selenium WebDriver** with **Python, Robot framework** and **Playwright** with **Python, Pytest**.
- Designed and implemented mobile automation solutions using **Appium** for both **Android and iOS**, ensuring full coverage of key user journeys.
- Executed mobile tests across **emulators, real devices, Saucelabs** optimizing device coverage while minimizing test execution time
- Oversee a team of QA engineers, guiding the development of automated test scripts for web applications, Appium, **API testing** and **Infrastructure testing**.

- Collaborate with development teams to integrate automated tests into the **CI/CD pipeline**.
- Spearheaded the automation framework design & implementation for an IaaS project based on **Azure Kubernetes** using **Powershell**, **Pester** framework.
- Advanced knowledge of writing complex **SQL queries** in **ETL** testing to verify the correctness of data across source, staging, and target databases. Strong understanding of relational databases like SQL Server
- Developed comprehensive **Test plans**, defined test cases, and prioritized testing activities based on business requirements, functional specifications, and project timelines.
- Providing updates on the progress of testing activities to **Stakeholders**, ensuring transparency and timely communication of potential risks or issues. Collaborated closely with cross-functional teams to ensure alignment on project goals and timelines.

Project Lead
Mindtree Ltd., Pune

10/2007 – 04/2018

- Lead the design and implementation of a test automation framework for testing Sitecore web application using **Selenium webdriver, C#.Net & Specflow**.
- Developed UI Automation test framework for testing WPF applications also worked on design & implementation of Record & Play utility, to record user actions to generate an automation test script, Similar to the Record & Play features available in Coded UI.
- Experience in developing web applications using **Asp.net MVC, Html, javascript, jquery, Bootstrap, Ajax**.
- Expertise in UI Automation, **Unit testing, API Testing** using C#.Net.
- Worked on **Data mining/ Data Analysis** to extract data for **BI reports** using **Big Data Cosmos/SCOPE**.
- Developed Business Intelligence reports using **SSRS**, d3.js.

Core Competencies

Automation Framework Design – Expert in designing modular, reusable, and scalable test automation frameworks for web, mobile, API, and data validation layers.

Test Strategy & Architecture – Skilled in defining automation strategy, selecting tools, and aligning quality initiatives with business and development goals.

Web & Mobile Automation – Hands-on experience with **Selenium, Playwright, Appium, WDIO** across cross-browser and cross-device testing.

API & ETL Testing – Proficient in RESTful API test automation using **REST Assured**, **Postman**, and **Python**; experienced in **ETL validation and data pipeline testing**.

Cloud - Infra Testing (IaaS) – Strong capability in **PowerShell scripting**, **Pester testing**, and validating infrastructure on **Azure Kubernetes** clusters.

Programming Expertise – Skilled in **Python**, **TypeScript**, **C#.NET**, and **SQL** for building automation scripts, utilities, and validation tools.

DevOps & CI/CD Integration – Integrated automation pipelines using **Azure DevOps**, **Jenkins**

Quality Governance & Mentorship – Led test automation teams, mentored junior engineers, defined quality gates, and promoted continuous improvement through knowledge sharing and technical leadership.

Certifications

GCP: Associate Cloud Engineer

Education Background

Bachelor of Engineering in Computer Science
Pune University