RAHUL VARMA

Senior SDET | Test Automation Architecture

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SUMMARY

Senior SDET with 10+ years building test automation frameworks for banking and financial platforms. Strong in Core Java, framework architecture, API automation, CI/CD, and production monitoring, with a track record of building internal tooling that cut flaky tests and debugging time.

SKILLS

Languages: Core Java, Data Structures & Algorithms, Collections Framework
Test Automation: Selenium, Cypress, Playwright, TestNG, JUnit, Cucumber, Mocha, Serenity, REST Assured
API, Performance & Monitoring: Postman, JMeter, Splunk, Spring Framework
CI/CD & Cloud: Jenkins, Git, Maven, Gradle, Docker, AWS, BrowserStack
Practices: Test Architecture Design, BDD, Shift-Left Testing, Agile/Scrum

WORK EXPERIENCE

Test Analyst, Coforge | *Client: LendingClub* *Mar 2024 - Present*

- Built a test rerun utility for the API automation suite that automatically flagged and re-executed failed tests, cutting manual re-verification effort in the CI pipeline and giving the QA team faster feedback on true failures versus transient ones.
- Extended API test automation coverage across core lending workflows, reducing dependence on manual regression testing before releases.
- Produced data-backed UAT test documentation that shortened UAT review cycles and reduced back-and-forth with business stakeholders.
- Mentored new team members on Java-based framework standards and participated in technical screening for automation hires.

Senior Test Automation Engineer, EPAM Systems | *Client: MasterCard, Goldman Sachs* *Apr 2021 - Feb 2024*

- Migrated a brittle Selenium framework to Cypress, redesigning wait strategies and test isolation to eliminate flaky failures and reduce full-suite execution time.
- Designed a structured logging mechanism for QA test execution that captured failure context (request/response payloads, stack traces) at the point of failure, cutting the time engineers spent reproducing and triaging test failures.
- Built and maintained automated test frameworks across web, API, and mobile applications, achieving 95% API test coverage and surfacing high-severity defects earlier in the release cycle.
- Built a Cypress-Cucumber framework adopted across the team, improving test readability and reducing defects introduced by ambiguous test steps.
- Integrated the regression suite into CI/CD pipelines, enabling faster and more reliable deployments.

Consultant, Capgemini | *Client: HSBC* *Aug 2019 - Mar 2021*

- Set up Splunk dashboards to monitor production load and error rates, giving the QA and operations teams real-time visibility into system health and faster detection of emerging issues.
- Migrated the existing test suite to a BDD structure, reducing flaky tests and improving test maintainability.
- Built custom reporting and logging tools to improve visibility into test execution results.
- Mentored junior engineers on automation frameworks and debugging practices.

Associate, Cognizant | *Client: UBS* *Jan 2016 - Jul 2019*

- Built a TestNG-based automation framework that brought core regression testing to roughly 70% automation coverage.
- Implemented data-driven and BDD test design to improve coverage and long-term maintainability.
- Worked cross-functionally with business analysts on shift-left testing, incorporating test planning into early requirement analysis.

EDUCATION

B.E., Mechanical Engineering - G. H. Raisoni Engineering College, Pune, India (2010 - 2014)

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
- ISTQB Foundation Level
- Microsoft Certified: Azure Fundamentals