

Ankur Surothia

Software Development Engineer in Test | ISTQB Certified

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Summary

Software Development Engineer in Test with 12+ years of experience in Automation quality assurance and software testing, including 7 years in Banking, Consulting, Financial Services and Fintech domains. Proven expertise in test automation, scripting, test strategy, and performance improvement across UI, API, and back-end systems. Demonstrated leadership and management in Agile environments, with advanced analytical and collaboration skills.

Technical Skills

Test Automation & Language: Playwright | Selenium WebDriver | RESTAssured | Appium | Pact Flow (PACT) | BDD-Cucumber, Gherkin, TDD | API Testing | Contract Testing | Functional, Regression, E2E, Unit Testing, Smoke, Sanity | **Programming:** Java | Python | JavaScript/ TypeScript | C#, Spec flow | **Performance Testing :** JMeter | Grafana -K6 | **DevOps & CI/CD:** Jenkins | GitHub | GitLab | Bitbucket | Docker | Maven | Gradle | Version Control System(Git) | **Full Stack:** HTML | CSS | JavaScript | Web services | JSON | XML | Splunk, Kafka | TCP | Postman | JUnit | **Database:** Oracle SQL | MySQL | **Cloud & OS:** AWS – EC2,S3, ECR, ECS & Fargate | MacOS | Linux/Unix | **Agile Development :** Scrum | Kanban | Sprint Planning | Retrospectives | Jira -Xray | Confluence | SDLC |

Experience

SDET (Software Development Engineer in Test) | Thredd, London

May 2024 - Present

- Developed and maintained automated UI test scripts using Playwright and Python (Behave, Pytest), ensuring robust UI tests coding for micro front-end web applications; utilized WireMock to mock API calls for UI automation.
- Performed API automation in microservices architecture using RestAssured (REST APIs) and Java, reducing manual testing time and complexity by 40%. Designed BDD test scenarios with Agile methodology. Conducted contract testing with PACT - PactFlow, reducing time and complexity by 70%.
- Collaborated with cross-functional teams and product managers to identify user stories, document, and resolve critical defects, enhancing overall product data requirements and quality.
- **Achievement:** Debugging of CICD (Continuous Integration, Continuous delivery , Continuous Improvement) integration with Jira Xray and Slack for better monitoring, automated UAT testcases, and leveraged Docker and Kubernetes to reduce execution time by 30%.
- AWS: Orchestrated containerized test suites reliability with ECR/ECS; centralized artifacts in S3, monitoring in CloudWatch; secured secrets via Secrets Manager; optimized EKS Auto Scaling to cut runtime/cost and boost reliability/throughput.

Lead Test Automation Engineer | EBRD via Zensar, London

Aug 2022-Jan 2024

- Led an automation testing project for 32+ Java and PB applications, including multiple upgrades to ensure the futureproofing of core banking applications; Mentored and managed a team with a positive attitude to resolve issues in UAT environment and provided guidance and coach others.
- Collaborated with developers and business users to develop customer-centric test strategy and test cases, test data, fill documentation gaps, and acted as a Business Analyst when needed to improve customer experience.
- With communication skills coordinated UAT signoffs with business users and conducted post-production implementation testing using my problem-solving skills.

- **Achievement:** Received QA Champion award for leading automation-first initiatives across Java core banking applications; created automation test scripts using Selenium (Java) and communicated effectively with business users to fill documentation gaps and data abstraction.

Senior Test Automation Engineer | EBRD via Zensar, London

Nov 2019-Aug 2022

- Built robust test automation frameworks for 23 Java applications, optimizing test case design and reducing manual effort and Oracle costs by 50%.
- Automated web testing with Selenium WebDriver (Java,Python), enhancing coverage, regression efficiency, and security.
- Led defect management, regression, UAT, and integration testing, ensuring timely sign-offs and effective issue resolution.
- Delivered rapid regression cycles, conducted sprint demos, and proactively addressed automation requests, with consistent improvement in team delivery.
- Automated Oracle upgrades using Eggplant and BDD, streamlining patch testing and deployment with a strong focus and technical expertise on security and design.

Test Automation Engineer | National Grid Via Zensar, Pune

Oct 2018-Nov 2019

- Developed automated regression testing frameworks using Selenium WebDriver.
- Improved efficiency and traceability by streamlining regression testing processes.

Test Automation Engineer | Ned Bank Via Zensar, Johannesburg

Jan 2018-Sep 2018

- Enhanced existing test automation frameworks using Page Object Model (POM) design patterns, improving maintainability and reducing script maintenance time of IT systems.
- Conducted ETL/database validation and performance improvement activities.

Mobile Automation Tester | MasterCard via Zensar, Pune

Jan 2017-Dec 2017

- Automated mobile app testing using Appium/UI Automator for functional and regression suites.

Automation Engineer | Sears Holding India, Pune

May 2014-Dec 2016

- Performed API/UI automation testing with SOAP UI & Selenium WebDriver.

Functional Tester | Sears Holding India, Pune

July 2012-Mar 2014

- Tested Sears customer data migration to Hadoop-based (big data) architecture, performing functional and data integration tests using Pig Scripting and MongoDB.

Education

Bachelor's degree in Information Technology Engineering, 1st Division, India, Jun 2012

Certifications

ISTQB Fundamental Certification | Jan 2024

Eggplant Automation Training

Introduction to Large Language Models (AI / Machine Learning)-Google Cloud

