

# Raj Kumar Sethi

**Senior QA Engineer / SDET** with 11+ years of experience in **UI, API, performance, security, and cloud testing** across diverse domains. Skilled in **Selenium, Cypress, UFT**, and building scalable **automation frameworks** integrated with CI/CD pipelines. Experienced in **0-to-1 product development, test strategy design, and team leadership**. Proven track record of automating **10,000+ test cases**, improving coverage, and ensuring high-quality, secure, and high-performing software releases.

## Work Experience

### Senior QA Engineer, Acumatica

Ottawa, CA

July 2024 - Present

- Develop, and maintain robust automation frameworks for Acumatica ERP modules using **Selenium WebDriver with C#**, ensuring scalability and maintainability.
- Collaborate with product owners and developers to analyze business requirements, design comprehensive test strategies, and implement automated test coverage for new features.
- Led end-to-end regression testing for release cycle, integrating automated test execution into CI/CD pipelines to accelerate release validation.
- Improved test automation coverage by optimizing framework and automating verification for defect fixes and regression-prone areas.

### Senior QA Engineer, Behavox Software

Montreal, CA

June 2021 - July 2024

- Responsible for testing and automation of Data intensive B2B application.
- Developing tests across pyramid (**API, integration, e2e**) with **pytest** and **Cypress** frameworks utilizing Docker and GCP resources such as BigQuery, Kafka, Pubsub etc.
- **Designing, executing, and documenting e2e and integration tests** using Xray for feature validation and UAT.
- Creating and maintaining **test suite** running in **CI/CD pipelines** for pre-merge feature testing.
- Implementing seamless data ingestion pipelines for development and UAT environments.
- **Perform regression/smoke testing** during release schedule and **provide go/no-go feedback** for the release.
- Help **performance testing** team with **test data creation** and **test runs to find bottleneck** in the system.

### Significant Highlights:

- Collaborated with test manager to **reduced release cycle from 8 to 3 weeks**, doubling yearly **releases from 6 to 12**.
- Built **Cucumber and pytest** frameworks from scratch for specialized application, trained team and **automated 2500+ test cases**.
- Enhanced Cypress framework, improving performance and **speeding up QA process**.

## Contact

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## Skills

### Testing Skills

- API, UI Testing
- E2E and Integration Testing
- Mobile Testing
- Test Planning and Designing
- Functional, Performance and Security Testing

### Tools & Languages

- Python with Pytest, Robot
- Java with Cucumber, TestNG and RestAssured
- Cypress with Typescript
- Selenium webdriver
- Appium, Jmeter, OWASP ZAP
- UFT

### Test Management

- Xray, TestRail
- JIRA, HP ALM

### Test Execution

- Jenkins
- Gitlab CI
- Browser Stack
- Postman, Swagger

### Cloud & Other Tech

- GCP- BQ, Pubsub, CF, DF
- AWS- S3, EC2
- Docker
- Kafka, ES8
- Linux
- SQL, postgresql, Scylladb
- Grafana
- Git

## QA Practice Lead, Fidor Solutions

Dubai, UAE

Jan 2020 - May 2021

- **Led 3 junior QAs**, offering mentorship in QA processes and automation.
- Contributed to Fintech product design, presenting feature demos to marketing.
- Conducted thorough sprint feature testing, documenting in TestRail, tracking bugs in JIRA.
- **Automated UI, API, and Mobile testing with Selenium, Python, and Appium.**
- Introduced new tools and QA guidelines to **expedite release time.**

### Significant Highlights:

- Created **QA infrastructure** from scratch, including automated framework with nightly pipelines and bug logging for **daily regression testing.**
- Introduced **OWASP ZAP Automation** for Dynamic Security Testing, improving system security.
- **Maintained 80% automation goal, executing 1500 test cases in 3 hours.**

## SDET, Aera Technologies

Pune, India

Oct 2018 - Nov 2019

- Automated **Regression and Sanity** tests by integrating **UI and API automation with Gradle, Selenium, and RestAPI using the Page Object framework.**
- Coordinated automation script execution across browsers and platforms with **BrowserStack** for extensive testing coverage.
- Performed basic performance testing on select applications with **JMeter** to guarantee optimal system functionality under diverse load conditions.

## QA Engineer, Accenture India

Pune, India

Nov 2016 - Oct 2018

- Collaborated as QA engineer in Agile teams of 6 developers per team, spanning 20 teams, testing Banking Applications.
- Designed and tested sprint-developed applications, identifying and **documenting bugs in JIRA pre-deployment to UAT.**
- **Automated regression test cases for UI and Backend (SOAP) with Selenium WebDriver, Java, and TestNG for robust testing processes.**

### Significant Highlight:

- **Worked onsite at client location in Frankfurt, Germany, for 6 months in the UAT team, executing and developing a 3000 test-case suite.**
- Innovatively integrated features into the UAT framework, **saving 2 hours daily in execution time.**

## Software Consultant, Syntel India Pvt Ltd

Chennai, India

April 2014 - Oct 2016

- **Led functional testing** for Front Office and Mortgage Applications, ensuring thorough validation for each change request.
- Performed comprehensive regression testing with every upgrade release to maintain system integrity.
- **Analyzed requirements, prepared/executed test cases, and logged defects in HP ALM** to streamline testing.
- Developed automation scripts using **Keyword or Hybrid** approaches for regression testing during upgrades, leveraging **UFT** for efficient automation.

### Significant Highlight:

- **Led a major upgrade testing project** as an ad-hoc Lead, overseeing a 5-member team, completing it within a 6-month timeframe.
- Managed the project lifecycle **from inception to production release, executing over 3000 business test cases** for a seamless transition and successful deployment.

## Education

### Bachelor's of Engineering in Electrical and Electronics

May 2009 - May 2013

Chhattisgarh Swami Vivekanand Technical University, Bhilai, C.G., India