

SOURABH DHINGRA



Professional Summary

- 11+ years of experience in Software Testing and Quality Assurance for Agile projects involving diverse technology stacks and programming languages
- Functional Testing of e-commerce, Super-App, Web-based and POS applications in Retail Domain
- Testing of Microservices Architecture using gRPC, Rest API, and asynchronous user flows
- Automating backend End-to-End tests using Java-RestAssured, Retrofit, Python-Requests
- Automating web apps using Selenium WebDriver with (Java/TestNG) and (Python/Pytest)
- Automation using Robot Framework and Selenium2Library
- Automating backend-integration tests in Data Engineering project using Apache Spark, Scala/Specs2, AWS S3
- Strong knowledge of STLC, SDLC, and Requirement Analysis
- Proactive communication with team and business analysts for requirement clarification

Work Expreience

Senior SDET @ Akamai Technologies – Bangalore



09/2023 – 04/2024

ETP Reports – A backend threat detection reporting project under Secure Internet Access Enterprise (SIA) built on data engineering principles using spark jobs for data transformation.



- Testing the integration between the log ingestion service and external components
- Testing spark job flows using Apache Spark
- Test automation and suite maintenance in Scala
- Migrating test suites to Linode infrastructure
- Peer reviewing merge requests maintaining Clean Code Practices
- Bugs/issues reporting, tracking to the closure and assiting in reproducing issues



Tech Stack

Programming: Scala, Java, Python, Shell script
Testing: Specs2, Rest Assured
CI/CD Github Actions
Tools: IntelliJ, Jira, Kafka, PyCharm,Cyberduck
DB/Storage: KQL, Clickhouse, S3, ADX
Cloud: Azure, Linode



10/2020 - 02/2023

GoTo Financial Services, a division of Gojek, offers a variety of financial services, with loan granting being a major focus. The loan platform manages all loan disbursements, including goModal, goBiz and payLater, serving as the primary source of truth.



- Engaged in QA tasks working on a system tracking loan life cycles, resolving blockers for QA team
- Participated in Devbox meetings with developers, checking Unit test coverage and asserting story readiness for QA.
- Tested Stories from the backend APIs and frontend, and scripted automation tests for RestAPIs and Kafka events.
- Reviewed Merge Requests and maintained coding standards.
- Conducted POCs using Python and Java to meet automation framework needs, including a Pooling Mechanism and data schema checks during an AWS to GCP migration.
- Collaborated cross-team for delivery timelines and identified concerns. Assisted Devs with production issues.





Tech Stack

Programming: Java, Python, PL/SQL
Testing: TestNG, Retrofit, Pytest
CI/CD GitLab, Gradle
Tools: IntelliJ, Jira, Kafka, PyCharm, DBeaver
DB/Storage: PostgreSQL, Redis
Cloud: AWS, GCP



12/2019 – 10/2021

TestVagrant is an India-based software testing company specializing in test automation solutions through services like test automation strategy, framework development, and execution using diverse automation tools and technologies.

- Deployed as QA Consultant at Gojek, Bangalore for the GoPay Checkout project aiming to enhance a payment SDK for merchant integration  
- Conducted Devbox with developers, checking unit tests coverage and functionality of the features
- Tested backend APIs and frontend UI across iOS and Android platforms, extensively verifying backend states using Postgres-SQL database, Redis in-memory database, and Kafka for asynchronous flows
- Wrote automation scripts for RestAPIs and gRPC services, performed RCA for failed tests, and maintained automated Regression suite
- Assisted security team in new feature/API walkthroughs and conducted public whitelisting security tests


Tech Stack

| | |
|--------------|---|
| Programming: | Java, Python, PL/SQL |
| Testing: | TestNG, Retrofit, Pytest |
| CI/CD | GitLab, Gradle |
| Tools: | IntelliJ, Jira, Kafka, PyCharm, DBeaver |
| DB/Storage: | PostgreSQL, Redis |
| Cloud: | AWS, GCP |



12/2019 - 10/2021

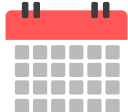
Infogain is a Silicon Valley-based digital transformation and software engineering firm. They aid global clients in various industries, offering services like application development and cloud services to foster business growth and enhance customer engagement.

- Deployed as QA Consultant at Macquaire, Gurgaon for the Asset Management product 
- Developed automation test scripts in Gherkins format and performed peer reviews to ensure compliance with coding standards and framework guidelines.
- Utilized Python for automating large CSV file creation (1-9 million records), enhancing performance testing.
- Worked with Robot Framework, Selenium2Library, Maven, and Bitbucket + Git in a CI/CD environment.
- Oversaw defect tracking with Jira and led Scrum meetings.

Tech Stack

| | |
|--------------|---------------------------|
| Programming: | Python, Robot Framework |
| Testing: | Robot Framework |
| CI/CD | Bitbucket, Bamboo |
| Tools: | Pycharm, SourceTree, Jira |
| DB/Storage: | Oracle 12 |
| Cloud: | AWS |

Senior QA Engineer @ Three Pillar Global



05/2016 – 06/2017

3Pillar Global is a global software product development firm, assisting clients in creating revenue-generating products. They focus on diverse industries such as healthcare, and financial services, utilizing an agile approach.

- Developed automation test scenarios for Equinox Fitness using Selenium 3.0 PyPi and Python, enhancing efficiency & accuracy.
- Constructed wrapper methods for frequent operations, ensuring robust exception & error handling.
- Used Pytest for unit testing, used Bitbucket + Git for code management.
- Utilized Python and Requests Library for API Automation Testing in Kl2 – Teacher Assessment Portal.
- Devised functional tests, identified bugs, and resolved UI issues.
- Authored test data generation scripts using Python, promoting effective testing.




Tech Stack

| | |
|--------------|---------------------------|
| Programming: | Python, Java |
| Testing: | Pytest |
| CI/CD | N/A |
| Tools: | Pycharm, SourceTree, Jira |
| DB/Storage: | MySQL, |
| Cloud: | N/A |



Infogain is a Silicon Valley-based digital transformation and software engineering firm aiding global clients in various industries, offering services like application development and cloud services to foster business growth and enhance customer engagement.

- Developed a data-driven framework for the NCR-AMS, enhancing management of retail promotion delivery 
- Automated manual test cases using Selenium Java and TestNG
- Implemented Page Object Model in the framework to simplify maintenance
- Scheduled tests and facilitated automatic triggering through Jenkins
- Pursued active communication with Business Analysts for requirements analysis and test planning

Tech Stack

| | |
|--------------|---------------|
| Programming: | Java |
| Testing: | Maven, TestNG |
| CI/CD | Jenkins |
| Tools: | Eclipse |
| DB/Storage: | MS-SQL Server |
| Cloud: | N/A |

Education & Training

- PG Diploma in ML & AI

@ International Institute of Information Technology



06/2021 – 07/2022

- B.E in Computer Science

@ U.I.E.T, Panjab University



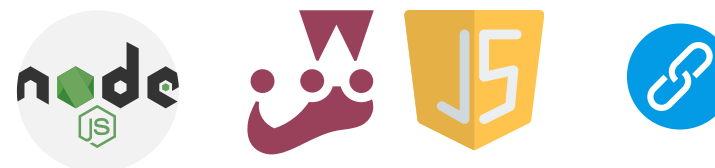
09/2023 – 04/2024

Side Gigs

- Mini Blog in Django



- REST API Automation using JavaScript



- Front-End Test Automation using Cypress



- Sentiment-Based Product Recommendation

