Swarup Patel

Dedicated Lead SDET with approximately 6 years of comprehensive experience in both Manual and Automation Testing across diverse testing methodologies. Proficient in driving quality excellence through hands-on expertise in Java, Python, Selenium, Rest Assured, Protractor, BDD (Cucumber), API Testing, Database Testing, and AWS technologies at MakeMyTrip. Adept at building robust frameworks and implementing various testing techniques to ensure product integrity and exceptional user experiences.

Contact

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Skills

Python

Selenium

Rest-Assured

Karate-DSL

Protractor

Cucumber

Maven

Jenkins

TestNG

GIT

AWS

Linux

Work History

2021-05 - Current

Lead SDET

MakeMyTrip, BANGALORE

- Designed and architected modular and extensible test automation framework from scratch, allowing for easy integration of Rest-Assured, Karate-DSL, and Selenium components.
- Designed and architected modular and extensible test automation framework using Python, enabling seamless integration with various testing components.
- Developed and maintained automated test scripts for API testing like Rest Assured, Karate, and Postman ensuring reliability of backend services.
- Led team kept track of how things were going, and gave updates every week.
- Reviewed design specifications to validate product designs and support testability and verification.
- Aligned with QA engineers and testers to replicate and track bugs and defects for correction in subsequent iterations.
- Wrote and executed tests and diagnostics designed to validate products and software applications.
- Played pivotal role in tracking and reporting defects, facilitating prompt issue resolution, and maintaining software quality.
- Active participant in Agile development, contributing to sprint planning, stand-up

MySQL

⚑ Languages

English

Hindi

ODIA

2019-09 - 2021-05

meetings, and retrospective sessions.

Quality Engineer

LSEG, BANGALORE

- Successfully conducted testing during migration process from On-Premises to AWS, specifically transitioning from ActiveMQ/AmazonMQ to SQS/SNS, ensuring seamless system integration and functionality.

- Created robust testing framework from ground up, utilizing Python, Pandas, Boto3, Behave, and Jenkins. This framework was instrumental in validating ETL data within MySQL DB and S3 Bucket for BI-Reporting, ensuring data accuracy and integrity.

- Set up whole new way of doing tests using tools like Karate DSL for backend testing and Selenium with Java for UI testing. Made testing faster and better.

- Designed and implemented automation frameworks, including Page Object Model (POM), to enhance test maintainability and reusability.

- Collaborated closely with developers and product owners to understand user stories and requirements, translating them into effective automated test cases.

- Integrated automated tests into CI/CD pipeline using tools like Jenkins, enabling continuous testing and rapid feedback on code changes.

- Utilized Behavior-Driven Development (BDD) techniques with Cucumber to write and execute feature files and step definitions, enhancing collaboration between development and testing teams.

- Conducted cross-browser and cross-platform testing to ensure consistent functionality across different environments and devices.

- Implemented API testing using REST-assured and Postman to validate data exchange and API endpoints. Created and maintained comprehensive test documentation, including test plans, test cases, and test data, for

effective test coverage.

- Performed database testing using SQL queries to validate data integrity and data transformation processes. Collaborated with QA leads and stakeholders to prioritize testing efforts, report defects, and communicate testing progress.
- Participated in code reviews to ensure quality and maintainability of automated test scripts and adherence to coding standards.
- Kept up-to-date with industry trends and best practices in test automation, proactively exploring new tools and techniques to improve efficiency.
- Helped make plan for testing and wrote down what to do in documents called Test Strategy and Test Plan.

2018-03 - 2019-09

Associate Consultant

Capgemini, BANGALORE

- Developed and maintained automated test scripts using Protractor and Cucumber for web applications, ensuring efficient regression testing and faster feedback.
- Designed and executed automated test cases for cross-browser and cross-platform compatibility, enhancing application coverage.
- Collaborated closely with development and quality assurance teams to understand software requirements and design effective test scenarios.
- Integrated automated tests into continuous integration and continuous deployment (CI/CD) pipelines using Jenkins, reducing time-to-market.
- Participated in code reviews, ensuring that automated test scripts adhered to coding standards and best practices. Mentored junior team members in test automation techniques, improving overall team proficiency and knowledge sharing.
- Investigated and reported defects using Rally and TFS, tracked defect lifecycle, and worked

closely with developers to ensure timely resolution.
- Contributed to creation of comprehensive test documentation, including test plans, test cases, and test data.

Education

| 2014-08 - 2015-05 | **CAD** |
| | *Central Tool Room And Training Centre - Odisha* |

| 2011-08 - 2014-05 | **B.Tech**: **Mechanical Engineering** |
| | *Biju Patnaik University Of Technology - Odisha* |

Certifications

Software Testing Training, 2016-2017