Kiran Jadhav

Software Development Engineer in Test (SDET II)
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Professional Summary

Software Development Engineer in Test (SDET II) with 4+ years of experience designing, implementing, and maintaining scalable automated testing systems for product-based companies. Strong expertise in Python automation frameworks, REST/OpenAPI testing, CI/CD pipelines, and Linux-based environments. Experienced in validating large-scale distributed systems and improving software quality through robust automation strategies and modern QA methodologies.

Core Skills

Programming & Automation: Python, Java, C#, Selenium WebDriver, PyTest, TestNG, Cucumber (BDD)
API & Backend Testing: REST APIs, OpenAPI, Postman, Functional, Automated & Performance Testing
Test Frameworks: Page Object Model (POM), Data-Driven Frameworks, White Box & Black Box Testing
CI/CD & DevOps: Jenkins, GitLab CI/CD, Maven, Git, GitHub
Systems & Networking: Basic knowledge of Linux/Unix environments and networking concepts (TCP/IP, HTTP, HTTPS, DNS)
Tools & Processes: JIRA, SQL, Agile Scrum, SDLC, STLC

Professional Experience

Software Development Engineer in Test – Newfold Digital | Nov 2024 – Present
-Automated and tested the Destiny hosting control panel, a modern replacement for cPanel, ensuring reliability across core hosting workflows.
-Designed and executed 250+ UI automated test cases using Python + PyTest, delivering strong regression coverage and stable releases.
-Built and optimized Jenkins CI pipelines, reducing test execution time by 40% and improving team productivity by 25%.
-Automated 100+ RESTful API test cases using Postman, increasing API test coverage by 60% and integrating validations into CI/CD workflows.
-Collaborated closely with developers and product owners by reviewing merge requests, managing defects in JIRA, and resolving 100+ issues in an Agile Scrum environment.

Test Engineer – Ivy Comptech | May 2023 – Nov 2024
-Developed C# Selenium automation scripts using BDD frameworks to support end-to-end UI and API testing.
-Designed and executed 200+ automated test cases (UI & API), reducing overall testing time by 60% and improving team productivity by 20%.
-Automated GUI test scenarios using Selenium WebDriver (C#) to ensure application stability and regression reliability.
-Performed REST API testing using Postman, validating API functionality and
integrating results into test cycles.
-Authored manual test cases in Xray, logged and tracked defects in JIRA, and collaborated within Agile Scrum and GitLab CI/CD environments.

Assistant System Analyst – C-Edge Technologies | Jun 2022 – May 2023
-Developed Java-based Selenium automation scripts using Page Object Model (POM) to execute GUI test cases efficiently.
-Applied object-oriented programming (OOP) principles to design and maintain reusable and scalable automation code.
-Reviewed application requirements and created structured test cases covering account management, CIF creation,

and financial transactions (RTGS, NEFT, POS).
-Executed functional testing across multiple modules, validating SB/CA/RD/FD/Loan accounts, customer services, and transaction workflows.
-Logged defects in JIRA, prepared detailed test execution reports, maintained test documentation, and actively participated in Agile Scrum ceremonies.

QA Engineer IRIS Business Services ltd. Dec 2021-May2022
-Writing test cases, executing test cases, defect logging, Preparing test documents.
-Functional testing, Regression testing, unit testing, writing automation scripts using selenium web driver.
-Exposure to manual and automation testing having good debugging and problem solving skills
-Maintained documentation of test results to assist in debugging and modification of software
-Participate in agile ceremonies like daily stand-ups, sprint planning, and retrospectives

Key Projects
Destiny – Bluehost (cPanel Replacement Platform)
- Replacement of cPanel providing a unified control panel to manage domains, emails, databases, and applications.
- Automated UI and API test scenarios covering website management, DNS configuration, and email services.
- Tested backend features such as database management, bandwidth reports, and PHP configuration settings.
- Validated security features including SSH access, IP blocking, and SSL certificate installation.
- Automated one-click deployments for applications like WordPress and Joomla.
- Tested cron jobs, caching configurations, and performance tuning options to ensure platform stability.

Web Trading Client
- Sports trading platform supporting horse racing, greyhound racing, football, and multiple betting markets.
- Tested fixture creation, market setup, participant configuration, and odds updates.
- Validated betting limits, stake units, and stop-loss rules across different scenarios.
- Verified manual and automated payout flows based on event outcomes.
- Ensured real-time odds synchronization and market suspension/resumption handling.

Banking & Internet Banking Applications
- Enterprise banking platforms used by SBI employees and retail customers nationwide.
- Tested CIF creation, SB/CA/RD/FD/Loan accounts, and high-volume RTGS/NEFT transactions.
- Automated critical banking workflows using Selenium and TestNG frameworks.
- Validated secure login, account summaries, transaction history, and cheque-related services.
- Ensured data integrity, security, and production stability across banking operations.

Education
Bachelor of Engineering (Automobile)
Mumbai University

Certifications & Achievements
- Awarded Operational Excellence Award for outstanding contributions in improving processes, quality, and efficiency at work.
- ISTQB Foundation Level
- Selenium Certification
- Java Programming Certification
- Solved 240+ LeetCode problems
- 5-Star HackerRank (Java & DSA)