Kiran S. Patil

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Professional Summary:

Result-driven QA Automation Engineer with 4+ years of experience in the IT industry, specializing in functional and automation testing using Selenium with Python. Proficient in designing saleable frameworks using Pytest, automating test cases, and enhancing test coverage across web, API, and regression suites. Adept at working in Agile environments with hands-on expertise in JIRA, Zephyr, Postman. Proven ability to reduce manual effort, ensure quality, and deliver high-performing applications across Banking, HR, E-commerce, and Storage domains.

Core Competencies:

- Test Automation: Selenium WebDriver with Python, Pytest, POM Framework
- API Testing: Postman, Python Requests
- Test Management: JIRA, Zephyr, Test Plans, RTM, Bug Lifecycle
- Frameworks: Data-Driven Testing, POM
- CI/CD: GitHub Actions, Jenkins (Basics)
- Version Control: Git, GitHub
- SDLC Models: Agile, V-Model, Spiral, Waterfall
- Database: Basics of MySQL
- OS: Windows, Linux
- Other Tools: XPath, html Reports,Allure reports, ChatGPT/Gemini (for script optimization)

Work Experience :

ENSS Technologies Pvt. Ltd.   **| From : Mar 2021 – Present**

Domain: E-commerce, Finance, HRMS, Storage(cloud)

❖ **Project Title: E-Commerce Web app**

    Role: Manual & Automation Tester Engineer
    Tools: Selenium (Python), pytest with POM , Zephyr, Agile-Jira, API
        (Postman),GitHub, Allure
    Testing: Functional, E2E, UAT, System Test.
    Summary: The project involved testing an end-to-end e-commerce application used by retail customers to browse, search, and purchase products through web and

mobile platforms. The application includes user registration, product catalog, shopping cart, payment gateway integration, order tracking, and return management modules. The team followed Agile Scrum methodology and delivered testing across multiple sprints using Jira for task tracking and test case management.Created detailed Test Plans, RTM, and Bug Reports; collaborated with developers on defect resolution.Designed and automated key regression and retesting scenarios using Selenium   with Python and pytest.
Reduced manual efforts by 40% through efficient XPath locators and reusable functions.

❖ **Project Title: HRM – Web-based Human Resource Management System**

Client: Internal Project / HR SaaS Client

Domain: Human Resource Management (HRMS)

Role: Manual test Lead

Tools: Web Application, Jira.

Summary: HRM is a modular HR management platform designed for small to medium sized businesses. The application includes modules like Employee Information Management, Leave Management, Time Tracking, Performance, Recruitment, and Payroll. The testing team worked in an Agile Scrum environment, collaborating with development, product, and business teams to ensure quality across multiple sprints.

❖ **Project: QCKLoans Web Application- (Finance)**

Role: Manual & Automation Tester
Tools: Selenium (Python), pytest, Zephyr, Agile-Jira, API (Postman)
Testing: Backend_testing (API),Functional, E2E, UAT, System Test.
Summary: Web platform for providing Financial support for higher studies in foreign countries. Involved in manual and automation testing of complex workflows, back-end logic, dashboards, and automated business processes. Performed functional testing for Register,Login, Account Management,Application Approve , Admin-Module.
Created detailed Test Plans, RTM, and Bug Reports; collaborated with developers on defect resolution.

❖ **Project: FreeNAS /TruNass | Storage Domain**

Role: Manual and Automation Tester
Tools : Microsoft-Excel, ShareX, Agile-jira , Scrum - Frame work
Testing: Functional, E2E, UAT, System Test.
Summary: providing a storage solution with client and server architecture.

Taken responsibility all QA and Manual efforts ISCSI testing using Python to validate complex storage operations.
Developed automation scripts for volume creation, snapshot validation, and replication.
Led QA efforts and prepared risk-based test strategies for system reliability. worked on **API testing**(insominia) to validate the data flow and stability of functionality .

Certifications

- Python Certification – Great Learning
- Six Sigma Basics – Great Learning
- NASSCOM Certification (Skill Development)

Education

Bachelor of Engineering (B.E.)
Visvesvaraya Technological University

Key Strengths

- Analytical & Problem-Solving Mindset
- Quick Learner with Strong Adaptability
- Excellent Communication & Team Collaboration
- Passion for Automation and Continuous Learning