


AJAY SHANKAR

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PROFESSIONAL SUMMARY

Results-driven QA Automation Engineer with **3 years of experience** in developing and maintaining test automation frameworks using **Python, Selenium, Robot Framework, and Pytest**. Skilled in **API testing (Postman), CI/CD pipelines, Jira, and GitHub**. Recently worked on a **Gen AI-based automation project**, enhancing test efficiency using AI-driven solutions. Strong analytical skills, detail-oriented mindset, and a passion for delivering high-quality software.

TECHNICAL SKILLS

- **Languages:** Python
- **Automation Tools:** Selenium WebDriver, Robot Framework, Pytest
- **API Testing:** Postman, REST APIs
- **DevOps/Tools:** Git, GitHub, Jenkins (basic), JIRA
- **Testing Types:** Functional, Regression, Smoke, API Testing
- **Frameworks:** Hybrid, Data-Driven, Keyword-Driven

PROFESSIONAL EXPERIENCE

BMS INFOSOLUTIONS PRIVATE LIMITED

July 2022 – Present

Role: Software Engineer

Project: Gen AI Automation Suite

Duration: 1 year

- Developed test automation around AI/LLM-based applications using Python and Robot Framework
- Validated Gen AI prompts and workflows, ensuring accurate responses from LLMs
- Designed scalable test scripts to validate Gen AI APIs' functionality.

- Performed API testing using Postman and Python scripts for validation.
- Utilized Jira for effective defect tracking, test management, and reporting.
- Integrated version control and CI/CD processes using GitHub for collaboration.

Project: Restore Management System

Duration: 2 years

- Designed and implemented Selenium-based automation test cases for web applications.
- Used Robot Framework and Pytest to automate restore-related scenarios efficiently.
- Created test cases for error handling, retry logic, and data verification.
- Developed API tests using Postman collections for thorough backend validation.
- Actively participated in Agile ceremonies like daily standups and sprint planning.

EDUCATION

Bachelor of Science (B. Sc) – Computer Science

SK University, Anantapur, Andhra Pradesh

PUC – (M.P.C)

Narayana Junior College, Anantapur, Andhra Pradesh

SSC/SSLC

Netaji English Medium High School, Anantapur, Andhra Pradesh

PERSONAL ATTRIBUTES

- Quick learner, adaptable to new tools and technologies
- Strong debugging and problem-solving abilities
- Team player with good communication skills

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