Avinash Kumar

+91 8121881693 | avinash.sv9@gmail.com | B.Tech JNTUA | LinkedIn | GitHub

Objective

"Detail-oriented Test Automation Engineer with 3+ years of experience in developing and maintaining automation frameworks. Seeking to leverage expertise in Selenium, Python, and CI/CD pipelines to contribute to innovative projects in a dynamic tech environment."

Skills & Abilities

- *Programming Languages*: **Python, Java**
- *API Testing*: **Postman, Request Module.**
- *Tools & Technologies*: **Selenium WebDriver, Pytest, Junit, TestNG, Robot Framework**
- *Software Testing Methodologies:* **Behavior Driven Development (BDD), Cucumber**
- *Version Control and CI/CD Tools:* **Git, GitHub and Jenkins**
- *Containerization*: **Docker**
- *Operation Systems*: **Linux and Windows**

ADDITIONAL SKILLS

- Agile methodologies, **SCRUM** frameworks.
- Cross-platform software development and testing.
- Performance optimization and scalability.

SOFTWARE TESTING EXPERIENCE (AUTOMATION + MANUAL)

- Expert in writing Test Plan and Test Scenarios from Business and Technical requirements.
- Expert in Executing Test Cases, Test Scripts as per Test plan.
- Experience to Coordinate test activities with testing resources.
- Knowledge of MYSQL.
- Developed and maintained automation test cases using Core Python, resulting in a 20% increase in test coverage.
- Executed over 80% of regression tests automatically, reducing manual testing time by 50%.

AUTOMATION TESTING

- Developed automation framework based on Testing and **Page Object Model (POM)**.
- Involved in test scripts creation and maintenance.
- 80 % regression executed by automation.
- Experience in **selenium** with **python**.
- Experience in request module to automate API.
- Strong Experience in Automating **Web Application Testing** using **Selenium WebDriver**.
- Testing Web Applications in different Operating Systems and Browsers.
- Hands on Experience in **POSTMAN**.

Work Experience
INFOSYS | MAY 2021 – AUGUST 2024 | TEST ANALYST

Client   : Google
Domain : Embedded

Projects

★ <u>**g-ISP(Google Image signal Processing):**</u>

- o Created custom XPath identifiers for locating objects on web pages, enhancing test automation efficiency.
- o Developed and maintained automation **test cases** using **Core Java**, improving testing processes.
- o Executed and analyzed automated **test results**, identifying and resolving defects efficiently.
- o Contributed to the development and implementation of **automation scripts** and **frameworks**, ensuring their effectiveness.
- o Worked in **Agile** and Scrum environments, collaborating with cross-functional teams to deliver high-quality releases.
- o Verification & Validation of **Test Scenarios**.
- o **Test Planning** when a new Maintenance work Request (MWR) or PMT arrives.
- o Handling bug fixtures by modifying automation **Java** script according to the requirement.
- o Preparing and sending Weekly Status Reports to client.
- o Performing reviews of various deliverables prepared by co-testers to achieve 100% compliance with client specification.
- o Responsible for updating **Regression Suite** every release.
- o Responsible for maintaining stability of **CI/CD** pipelines without any breakage.
- o Arranging and coordinating KT sessions for the new resources in the project.
- o Communicating with Dev Team and clients to deliver optimum product.

★ <u>**Device Cloud Web UI Testing:**</u>

- o Analyzing & validating the completeness of business requirements.
- o Developed and maintained automation **test cases** using **Python**, improving testing processes.
- o Generating the **Test scenarios** and **Test cases**.
- o Performed Sanity, Functional, System Integration, Retesting, Regression testing.
- o Experience in Designing **Automation Test Scripts**.
- o Worked in **Agile** and Scrum environments, collaborating with cross-functional teams to deliver high-quality releases.
- o Experience in Designing and implementation of **Pytest framework with** WebDriver.
- o Proficient in working with **Windows** and **Linux** platforms.
- o Familiar with all aspects of **Software Development Life Cycle** (SDLC) and **Software Testing Life Cycle (STLC)**.
- o Improved product quality and automated **regression** by 30%
- o Participated in weekly status meetings with the team, developers to discuss open issues and communicating with onsite team.