GUNASEELAN S

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Hands on Skills:

- **Programming Language:** Python
- **Total Work Experience: 4** Years
- **Testing Tools:** Pytest, Selenium, Cucumber, BDD, Mobile App Testing, Test automation, Appium
- **Software Development:** Object-oriented design, Version control (Git), Agile Methodologies
- **IDE:** PyCharm, Eclipse, Visual Studio Code
- **Performance Testing:** JMeter, Flood.io
- **Databases:** SQL, MySQL, PySQL
- **CI/CD:** Jenkins

Experience:

QA Engineer - Automation| Itechnowiz Solutions
Chennai, India | March 2024 – Present

- Designed and executed mobile automation test cases for Android and iOS based mobile applications using Appium as part of a high-performing QA team.

- Developed and maintained test scripts for web applications, REST APIs, and Windows-based applications, utilizing tools such as Selenium, Postman, and Sikuli.

- Ensured comprehensive test coverage by designing robust test scenarios aligned with business requirements and edge cases.

- Contributed to continuous integration processes by integrating automated scripts into CI/CD pipelines.

- Delivered automation scripts consistently within tight deadlines, supporting timely releases and maintaining high-quality standards.

- Collaborated closely with developers, product managers, and manual testers to identify and resolve defects early in the development cycle.

Software Engineer | Gold Coast IT Solutions
Chennai, India| Nov 2021 – February 2024

- Developed and maintained Python-based test automation frameworks for a large-scale software product, resulting in a 30% improvement in test efficiency and accuracy.

- Collaborated with cross-functional teams to design and implement test strategies, resulting in a 20% improvement in the efficiency of software testing processes.

- Conducted thorough unit testing and test case development, identifying and resolving over 200 bugs in the early stages of the development lifecycle.

- Collaborated with up to 3 developers to seamlessly integrate automated tests into the continuous integration/continuous delivery (CI/CD) pipeline.

- Utilized Python programming skills to support backend development tasks, increase code efficiency to optimize software performance, resulting in a 15% reduction in processing time.

- Executed Performance testing with a focus on utilizing two key tools, JMeter and Flood.io, to conduct comprehensive Load and Performance Testing.

- Assess software performance through rigorous load testing, enhancing stability, improving responsiveness, and boosting scalability, achieving a 20% increase in efficiency and reliability.

Projects:

Client: Johnson and Johnson

- Led Python Pytest Automation efforts in the JNJ project, demonstrating proficiency with Python and achieving a 20% test automation coverage increase.

- Employed extensive expertise in Robot framework and Pytest framework to design, develop, and execute 300+ automated test scripts.

- Orchestrated the creation, enhancement, and maintenance of a scalable test automation infrastructure, supporting 10+ project teams.

- Achieved seamless integration with Jenkins CI/CD pipelines, resulting in a 30% reduction in manual testing efforts and ensuring efficient project workflows.

Client: KONAMI

- Led and managed 3 critical phases of the software development life cycle as the Integral Test Engineer for the Aerial project, ensuring on-time delivery and quality assurance.

- Conducted comprehensive functional and performance testing for mobile applications, ensuring smooth gameplay, secure transactions, and flawless user experience.

- Utilized **Appium** and **Selenium** to automate test scripts, significantly reducing testing time and improving accuracy

Certifications:

- IT Automation with Python powered by Google
- Selenium web driver with Python

Education:

Bachelor of Engineering
Anand Institute of Higher Technology, Chennai.
2015-2019