VIPIN RAJ K

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Hands on Skills:

Programming Languages: Python

Testing Tools: PyTest , Selenium, BDD, Test automation, Unit testing

Software Development: Object-oriented design, Version control (Git), Agile Methodologies

IDE: PyCharm, Visual Studio Code

Databases: SQL, MySQL

CI/CD: Jenkins

Experience:

Software Engineer | Gold Coast IT Solutions
Chennai, India| June 2022 - Present

- 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 upto 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.

Projects:

Client: Johnson & Johnson

Docspera :

- 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: Medecision

Aerial :

- 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 Regression Testing, ensuring that code changes had minimal impact on existing functionalities, resulting in a 10% reduction in defects.

- Performed rigorous manual tests on the application's UI, ensuring consistent behavior and performance, achieving a 99% accuracy rate.

Certifications:

Microsoft Certified Azure Fundamentals (AZ-900)

Microsoft Certified: Azure Security, Compliance, and Identity Fundamentals (SC-900)

Python

Education:
Bachelor of Computer Science
Sree Muthukumaraswamy College,Chennai.
2018 - 2021