Vishwa

Software Engineer

+91 99168 10925   vishwav284810@gmail.com   Bangalore,Karnataka

Career Objective:

To give an effective as well as efficient efforts towards attainment of organization goals with exploring wide scope of knowledge and intelligence and to work in an environment that provides a challenging and rewarding career ensuring a high-level job satisfaction.

Professional Summary:

- Overall, 3 years of experience as a Software Engineer.
- Currently working as a system engineer at **Tata Consultancy Services** from Feb 2019.
- Experience in Application and Automation development and solution designing based on requirement.

Key Skills:

- Programming • Infrastructure Automation • Coding • Application Development • Testing & Troubleshooting • Testing Automation • Features & Enhancements.

Technical Skills:

- **Language:** Python, HTML, CSS, YAML, Java (Basic)
- **Frameworks:** Django, Selenium Web Driver, Flask RESTful
- **Code Versioning Tool and Repository:** Git, GitHub
- **IDE:** Visual Studio, PyCharm
- **Database:** SQL, PostgreSQL
- **Tools:** Postman, Ansible, Docker, Kubernetes
- **Cloud:** Azure (Fundamentals)

Abilities:

- Strong logical analysis helps me to give solution for any critical problem.
- Self-motivated, energetic and highly ethical in all work related assignments.

- Good written, communication, interpersonal skills, proven team player with an analytical mind bent to problem solving and delivering solutions.
- Worked with the Solution architect to design and define the requirement.

Professional Experience:

Python Application Developer

Objective: Need to develop Infra Monitoring and troubleshooting Application for on-prem servers**.**

- Implemented the application using Django Framework and handled the security using Django security modules.
- Designed and developed a Restful API for different modules in the project as per requirement.
- All the functionality is implemented using Django modules and Django ORM.
- Used Flask Restful module to create RESTful services to trigger the automation scripts.
- Used PostgreSQL as Database to store the monitoring and troubleshooting components data.
- Used the python logging module to log the info and errors.
- Used Postman to test the RESTful API for HTTP requests such as GET POST, and PUT
- Created the Docker Image and pushed into the private docker registry.
- Used Git for source code versioning and GitHub for the source code repository.
- Used CyberArk utility for Credential management.

Python Automation Developer

Objective: Across portfolio more number of the tickets get generated for the repetitive issues need to reduce Ticket count and follow the pro-active approach wherever possible.

- I have worked on some of the potential use-cases which will bring down the ticket count and manual intervention like disk-space issue, TFS Access issue, AD access issue.
- The process used to resolve the issue took more manual effort and time.
- Thereby coming with the implementation of Automation solution using the python
- integrated with the various platform like ServiceNow, Email service and CyberArk TFS site, MySQL database and AD server.
- Used WinRm component for windows server monitor and Ansible for Linux based server
- Reduced the Manual intervention time by 95%
- Pro-actively Monitoring the disk space status to avoiding ticket generation.

Internship: Oct '18 – Jan '19

Dailyhunt

(Dailyhunt is an Indian content and news aggregator application based in Bangalore.)

Back-End Test Engineer:

- Understand the application and feature developed by the client and identified the Test scenario and test cases.
- Successfully logged 10+ bugs on a weekly basis for further resolution by the development team.
- Converted 2 manual Test scenario into Automation test case by using the Selenium Test framework.

Roles and Responsibilities:

- Responsible for the analyse, design, and develop the code specific to automation requirement.
- Actively participating in Test Plan preparation, validating the Client requirements and Identifying the various Scenarios for Automation Development.
- Participating in client meetings to demonstrate the capabilities of Automation for on-going projects and potential clients.
- Created Reusable Objects/Automation Framework, which can be used across the platform.
- Creating an Solution Design Document (SDD) step by step keystroke level.
- Involving in the Info-Sec meetings to discuss about security rules and measures to take out and finding the loop holes in automation flow.
- Use Kubernetes to orchestrate the deployment, scaling and management of docker container.
- Use build/deploy tools such as Docker for deployment.

Certification:

- TCS Internal Digital python Programmer.

Significant Highlights:

- Got Early Career Rewards and Special Incentive for going beyond call of Duty for Delivering Excellence.
- Got On the Sport Award for Delivering Excellence.
- Got Special Initiative Award for taking initiative in Automation.

Education:

Stream: BE in Electronics and communication Engineer

College: BGS Institute of Technology (It's a public college affiliated with VTU)

Thanks and Regards

Vishwa