Linda Catherine

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Personal Profile:

Software Developer with nearly 7 years of experience in Python, PHP with MySQL and have excellent knowledge in Deep Packet Analysis of the internals of the SaaS applications. Have strong knowledge in IT security, risk and assurance through both theory and practice of subjects like database administration and management and computer security. Also possess excellent interpersonal communication and social skills built through my work with customers.

Technical Skills:

- ➢ Languages: Python, Php and Unix Shell Scripting.
- ➢ Databases: MySQL, MongoDB
- ➢ OS: UNIX and Windows
- ➢ Ansible
- ➢ Gitlab/Github, Jenkins.

Profile Highlights:

- ❖ Overall 7 years of experience into Development, Enhancement, and Automation.
- ❖ Experience in Python, PHP and Unix Shell Scripting.
- ❖ Good knowledge in cloud applications and the security feature of the cloud app.
- ❖ Good experience on Model View Controller (MVC)
- ❖ Developed Baseline Automation tool using Python/Shells script.
- ❖ Expertise to create process automation framework and test automation framework.
- ❖ Involved in Automation testing.
- ❖ Good exposure to OOPs concept in Python.
- ❖ Good exposure to Python libraries and modules.
- ❖ Good exposure to Relational Database concepts.
- ❖ Good knowledge in UNIX/LINUX
- ❖ Knowledge of CI/CD, Jenkins.
- ❖ Good verbal, written and communication skills.
- ❖ Self-motivated and ready to learn new Technologies.
- ❖ Proven ability to quickly learn and apply new technologies and well adopted to
- ❖ Work in a fast paced environment.

Professional Experience:

Member of Technical Staff-2 (Apr 2017 – present) Organisation: Netskope, Bangalore.
Responsibilities included:
- Designing various automation frameworks (like Pytest Framework) and tools for test execution.
- Developing and executing scripts in CI/CD tools like Jenkins, pipelines & dockers.
- Parsing the Data content in XML and .JSON format and updating the DB to create HTML reports.
- Maintaining the App Information in Version Control systems (Git), Test Management Software and CI tools (Jenkins etc.)
- Automating some attribute research using Natural Language Processing (NLP) in python.

Member of Technical Staff-1 (Dec 2015 –Apr 2017) Organization: Netskope
Responsibilities included:
- Research and analyze how SaaS applications work (in the aspects of security)
- Perform Deep Packet Analysis of the internals of the SaaS applications
- Develop content to identify various aspects of SaaS applications security
- Develop scripts to gather information about security aspects from webpages of SaaS applications using python and natural language processing
- Designing and implementing end-to-end systems that interact with other systems that are also part of the larger distributed system.
- Develop scripts in python for new features development as well as features enhancement (Also, involves Ansible, Github, Jenkins).
- Debug bugs arising in the product deployed and fix the bugs.
- Write unit tests for features developed for the product.

Cloud Research Engineer (Aug 2013 –Dec 2015) Organization: Netskope, Bangalore.
Responsibilities included:
- Gather, maintain and continuously analyse SaaS applications for it's usage & Identify risks associated with them.

Certifications:
- Oracle Certified Java Programmer
- Introduction to programming using Python
- Emphasis Certified In Quality Center,Quick Test Professional & Manual Testing

Education:

Bachelor in Computer Science and Engineering – SNS College of Engineering (85%) (2009 – 2013)