

Python Developer Python Developer Python Automation Developer Chicago, IL 7 years of overall experience in Software Development and Testing. 4 years+ of Experience in developing applications in Python. Good understanding and knowledge on Design Patterns and object oriented programming. Experience in developing system automation tools in Python. Experience in developing applications in C++. Experience in Firmware QA Automation. Experience working with HP storage devices and knowledge on storage protocols like SCSI, SAS, iSCSI, FC etc. Experience in using Version Control Systems like GIT, SVN and CVS. Experience in development methodologies like Agile Scrum and Waterfall. Experience with Linux command and bash shell scripting. Experience with Web Services (RESTful and SOAP). Experience with Selenium automation with Python. Experience in developing applications using Django. Knowledge on Hadoop framework and its related technologies HDFS, Map reduce, PIG, Hive and Hbase Knowledge on Java and its related frameworks like Struts 2 and Hibernate. Ability to learn quickly and adapt to new technical environments Authorized to work in the US for any employer

Work Experience Python Developer CallOne - Chicago, IL August 2015 to Present

Added functionality to the existing call detail project, to parse data feed files from new vendors like McLeod etc. Creating a BTN Inventory management system in Python, using Django, and Linux

Added functionality to existing Scope application, to get data from a new billing system called CDG

Developed scripts to fetch daily lockbox files from various banks, decrypt them and push the data to CDG. Developed web services for scope provisioned details, and accessed them from inventory management. Developed scripts to generate daily reports, fetching data from salesforce and CDG by calling there APIs. Involved in coding, Unit testing, code walkthrough, code review etc.

Environment: Python, Ubuntu, PostgreSQL, fabric, puppet, Django, Selenium, GIT

Python Developer Wells Fargo - Charlotte, NC November 2013 to November 2013

Developed python Key edits for different Lockboxes as per the functionality needed which helps the Keyer to validate the customer lockbox requirements. Developed check digit Python modules which will validate the check digit calculation of lockbox coupon scanlines. Created the Account specifications for both wholesale and whole tail Lockboxes based on the lockbox customer requirements. Developed

scripts for various modes of transmission lockbox files like ECS, DTS and SAFET. Developed Extended DDA lookup modules, this will be used for multi DDA lockbox setups. Created and parsed stop files using Python for some boxes which have specific stop DDA requirements. Developed Python scripts which format and create daily transmission files. Created shell scripts for various tasks. Modified already existing Perl scripts. Involved in design analysis, creating design documents planning and managing day-to-day activities and interaction with team members to facilitate smooth implementation. Developed a Django application to track the status of migrating boxes and new implementations. Added Selenium test automation in Python. Involved in coding, Unit testing, code walkthrough, code review etc. Environment: Python, UNIX, Django, PostgreSQL, Perl, Selenium, HTML, CVS, etc. Developer HP Smart Array SAS - Houston, TX February 2009 to November 2013 Developed automated test validation framework for validating HP Smart Array SAS controllers and HP Moonshot HP smart array family storage controller cards support wide range of storage JBODs. These SAS controllers support various features like RAID support, Mirroring, Caching, Extension, Expansion, Multipath failure etc.; Developed library in python and test cases which communicate with underlying hardware issuing various SCSI/BMIC commands to the storage controllers. Involved in design and development of the automation which executes all test cases and reduced a lot of manual effort for testing team. Involved in development of Moonshot test Library which implements all the firmware specifications mentioned. Involved in developing IPMI Codecs in python to communicate with the Chassis Manager. Developed AFVS web application to track test cases and logs in Python using Django. Modified existing Perl scripts to parse the configuration files and to get the hardware configuration information. Added test cases in Python to test thoroughly the developed features in Library. Triaged the failures, reported and tracked. Added Utilities for the corresponding library features. Involved in Diskless PXE booting all the Servers from Network running purely on RAM for Ubuntu and RHEL. Developed multithread automated test cases to stimulate real-time scenarios. Involved in design analysis, creating design documents planning and managing day-to-day activities and interaction with team members to facilitate smooth implementation. Involved in coding, Unit testing, code walkthrough,

code review, build and configuration management etc. Coordinating with various infrastructure teams and communicating/managing outages with the partner systems during Production Deployments. Added new functionality to already existing C++ test library, for testing sustenance projects Implemented features in the library to test the firmware of storage controller firmware Modified and added the library that implements SCSI/BMIC protocol in Python. Implemented features in the library to test the firmware of storage controller firmware Involved in code-merge, code review, code integration and module integration. Written Codec's parse BMIC protocol messages exchanged with storage controller. Modified Perl scripts were developed to automate routine jobs and a utility to connect with other servers. Triaging Failures of test cases and determining root cause for failure Environment: Python, C++, Perl, Django, SVN, MySQL, RHEL, VMware, HP SAS Controllers, DL/ML servers, c3k/c7k enclosures, switches. Education B Tech in Computer science and Engineering JNTU - Hyderabad, Andhra Pradesh 2008 Additional Information TECHNICAL SKILLS Computer Languages Python, C++, Java, Perl, Bash, JavaScript, SQL, HTML, CSS. Tools and Systems HP SCSI, SAS, FC, iSCSI storage controllers, PostgreSQL, Django, SVN, GIT, MySQL, VMWare, Selenium, Puppet

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