

Python Developer Python Developer Python Developer - CIT Group San Francisco, CA Sponsorship required to work in the US Work Experience Python Developer CIT Group - Livingston, NJ September 2014 to Present Responsibilities: ? Participated in the complete SDLC process and used PHP to develop website functionality. ? Developed Restful API's using Python Flask and SQLAlchemy data models as well as ensured code quality by writing unit tests using Pytest. ? Designed GUI framework using PyQt and Matplotlib for two quantitative finance patents. ? Actively involved in building Cassandra data store integrating data in real time from Oracle to Cassandra using Cassandra, Spark streaming. ? Also used PyQt to implement GUI for the user to create, modify and view reports based on client data. ? Expertise includes bash and python scripting with focus on Devops tools, CI/CD and AWS Cloud Architecture and hands on Engineering. ? Responsible for SW product quality by ensuring by conducting code reviews, coding standards are met, using industry best practices, and using static analysis tools. ? Worked closely with software developers and DevOps to debug software and system problems ? Utilized continuous integration and automated deployments with Jenkins, Ansible and Docker ? Coding in LAMP (Linux, Apache, MySQL, and PHP) environment and installed Zookeeper to manage the Hadoop ecosystem and other big data sets ? Hands on implementation of Continuous Delivery and DevOps end to end solutions in agile product development lifecycle. ? Used Amazon Web Services (AWS) for improved efficiency of storage and fast access. ? Implemented and used custom built query script to store, index and read large sets of Object data (like MongoDB) ? Experience with Heroku, Site5, Amazon EC2, S3 for deployment. ? Developed GUI HTML, XHTML, AJAX, CSS 5 and JavaScript (jQuery). ? Exposure in working for developing a portal to manage and entities in a content management system using Flask ? Used Docker and Ansible to fully automate the deployment and execution of the benchmark suite on a cluster of machines. ? Worked mainly on Core Java, C++, STL, data structures, UNIX scripting, multithreading. ? Built application logic using Python 2.7. ? Used Apache Couchdb (NoSQL) in AWS Linux instance in parallel to RDS MySQL to store and analyze job market info. ? Responsible for OpenStack project core infrastructure including code review, continuous integration systems, and developer tools. ? Worked on Landscape, a system for

managing largescale deployments of Ubuntu. ? Worked on design and implementation of an audit log system, major API design improvements, and OpenStack cloud management. ? Established OpenStack project Infrastructure Program and served as tech lead ? Developed the required XML Schema documents and implemented the framework for parsing XML documents. ? Involved in Unit testing and Integration testing. ? I have used AWS (Amazon Web services) in Redshift, EmR for improved efficiency of storage. ? Wrote AJAX framework to transform Datasets and Datatables into HTTPserializable JSON strings. ? Excellent project management skill with local and international teams. Ex: Continuous Integration and smoke test projects from Jenkins. ? Used Django APIs for database access. ? Scaled developer infrastructure as project grew and transitioned to OpenStack Foundation ? UIS system design (Python Object Oriented Design approach, developing various modules/packages/utilities, e.g.: Cryptography Encryption/Hashing, Foundation Utilities, Persona management, error/exception management etc.). ? Used WebServices to get travel destination data and rates. ? Issues pertaining to Realtime data being read from RabbitMQ into Postgres and Cassandra. ? Having experienced in graph DB knowledge and oauth2 experience. ? Worked on development of SQL and stored procedures on MYSQL. , Logfire tlanta, GA A Python Openstack Developer Python, REST & JSON October 2012 to August 2014 Responsibilities: ? Worked extensively on the Python based proprietary framework Quartz. ? Worked in the devops team, delivered new agile environments & build/release/configuration and deployment automation/monitoring using Jenkins, ant, maven, artifactory, chef, custom scripting and Jira for ticketing. ? Worked on implementing GUI using PyQt in Python, REST & JSON. ? Designed and developed a horizontally scalable APIs using Python Flask. ? Developed POC replacing Tibco BE with Cassandra and spark streaming using AWS. ? Performed efficient delivery of code based on principles of Test Driven Development (TDD) and continuous integration to keep in line with Agile Software Methodology principles. ? Automation of various administrative tasks on multiple servers using DevOps. ? Involved in back end development using Python with framework Flask ? Implemented and consumed Task Schedulers for scheduling job priority while distributing data and map/reduce functions over Grid. ? Created time sensitive scripts to parse to large sets of serialized,

unstructured data objects (30 Million), filtering and reducing data into functional reports. ? Worked on a large scale distributed computing environment, monitoring data nodes to prioritize jobs for processing functions. ? Used existing Deal Model in Python to inherit and create object data structure for regulatory reporting. ? Involved in environment, code installation as well as the SVN implementation. ? Used standard Python modules e.g. csv, robotparser, itertools, pickle, jinja2, lxml for development. ? Created modules to transform incoming XML trade data into trade objects, parse trade data and create outbound FPML (Financial Products Markup Language) sent to DTCC repositories. ? Trained extensively in Agile methodologies and implemented by participating in scrum standups, Kanban mode, discussing and implementing requirements with Product Owners.

Python Developer Cloud Sherpas - Atlanta, GA November 2010 to September 2012

Responsibilities: ? Used HTML/CSS and Javascript for UI development. ? Converted Visual basic Application to Python, MSQL. ? Created Reports using JASPER. ? Worked on Openstack Swift for moving large data files using Keystone and Horizon and integrated them into the web services and client server application ? Created data access using SQL and PL/SQL stored procedures. ? Worked extensively on Multithreading and Concurrency for implementing Batch Job Scheduling. ? Used HTML, CSS 5, JQuery, JSON and Javascript for front end applications. ? Used Linux profiler Valgrind for optimization of code. ? Automated RabbitMQ cluster installations and configuration using Python/Bash. ? Worked responsible for development and enhancements of all the modules of raildocs and have them running with the design team for project structure. ? Implemented the presentation layer with HTML, DHTML, Ajax, CSS and JavaScript. ? Used Python, Perl, CGI, JQuery, JavaScript and JSON at the front end. ? Developed in Windows and going to deploy it in Linux server. ? Worked on data exchange from website using XML, JAVA and Web Services. ? Used python scripts to update content in the database and manipulate files. ? Generated Python Django Forms to record data of online users

Java Developer American International Group - New York, NY March 2008 to October 2010

Development of user interface using JSP, HTML and JavaScript. ? Used Dependency injection in spring for Service layer and DAO layer. ? J2EE Architecture was implemented using Struts based on the MVC2 pattern. ? Written Servlet and

deployed them on IBM WebSphere Application server. ? Responsible for user validations on client side as well as server side. ? Development of the Java classes to be used in JSP and Servlets. ? Used Hibernate for persistence to Oracle Database ? Improved the coding standards, code reuse. Increased performance of the extended applications by making effective use of various design patterns (Front Controller, DAO) ? Worked with PL/SQL scripts to gather data and perform data manipulations. ? Used JDBC to retrieve data from Oracle database. ? Developed build scripts using Ant. ? Developed stored procedures in Oracle. ? Used Test Driven Development approach, and wrote many unit and integration test cases. ? Troubleshooting and coded corrections for production issues discovered in the application Additional Information Additional Information ? Operating Systems: Windows 95, 98, NT, 2000, Xp, Vista, Windows 7, 8 Linux, Unix, Microsoft Server 2003, Mac Os, Android, Windows Mobile, Mac Osx ? Knowledge in HTML 4.02, HTML5, CSS, JS, XML, XHTML, Javascript, JQuery, Angular.JS, Knockout.JS, Java, Ruby, AS 400, Mainframe, Python ? Bugs Tracker Apps: Bugzilla, Firebug, Jira, HP QC, Testlodge, TFS ? Basic Knowledge in Automation Tools: Selenium, Watir, Sikulli , docker , Jenkins ? CMS: Kentico, Websphere, Teamsite, Stellent, Joomla ? Knowledge in Datawarehouse tools such: Sybase, Informatica Power Center, DVO, SAS ? Data Bases Knowledge: Oracle, PostgreSQL, MySQL,Sqlite3, MongoDB, Cassandra, SVN,

Name: Jason Perkins

Email: yphillips@example.org

Phone: 307-554-4670