

Python Developer Python Developer Python Developer - JPMorgan Chase New York, NY ? Overall 4 Years of Experience as web/application developer software development and design using python, Django, Java, Webapp2, Angular.js, HTML/CSS, JavaScript and jQuery ? Experienced in writing Sub Queries, Stored Procedures, Triggers, Cursors, Subroutines, functions on SQL, PL/SQL and PostgreSQL database. ? Experienced in understanding principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations ? Good knowledge in working with application server - Apache Server, Tomcat (6.0, 7.0, 8.0), Nginx, WebLogic (10.0, 10.3, 11g), WebSphere (7.0, 8.5). ? Experienced in a Pythonbased environment, along with data analytics, data wrangling and Excel data extracts ? Expertise in MVW frameworks like Django, Angular JS, JavaScript, jQuery and Node JS. ? Proficient in Front end development experience using Python 3.6/2.7, Django 1.7/1.8, HTML, XML, CSS, JavaScript, Bootstrap, JQuery, JSON and, Angular.js, Node.js. ? Experience in Kubernetes which provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts. ? Experienced in understanding principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations. ? Good experience with Python frameworks like Flask and WebApp2. ? Proficient in SQL databases MS SQL, MYSQL, Oracle and NO SQL databases MongoDB, Cassandra. ? Have Experience in List Comprehensions and Python inbuilt functions such as Map, Filter and Lambda. Work Experience Python Developer JPMorgan Chase - New York, NY February 2018 to Present Responsibilities: ? Used Amazon EC2 command line interface along with Bash/ Python to automate repetitive work. ? Designed and managed API system deployment using fast HTTP server and Amazon AWS architecture. ? Involved in designing and developing of Automation Test cases using Selenium WebDriver, Java, and TestNG. ? Developed Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes. ? Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. ? Performed Unit testing, Integration Testing and generating of test cases for web applications using

JUnit and Python Unit test framework Hudson/Jenkins in the builds triggered by each push to GIT. ? Creating Python scripts to automate daily networking tasks (Ex. auto Config generation, retrieving information from network devices, parsing data, etc.) - including a custom Fortigate firewall Config generator (which included multi-threaded functionality to generate Configs for multiple firewalls at once). ? Used Python/Django MVC framework to design and develop the application. ? Working as an application developer experienced with controllers, views and models in Django. ? Designed front end and backend of the application using Python on Django Web Framework. ? Develop consumer-based features and applications using Python and Django in test driven Development and pair-based programming. ? Developed and tested many features for dashboard using Python, Java, Bootstrap, CSS, JavaScript and jQuery. ? Created interactive data charts on web application using High charts JavaScript library with data coming from Apache Cassandra. ? Created Terraform scripts for EC2 instances, Elastic Load balancers and S3 buckets. Implemented Terraform to manage the AWS infrastructure and managed servers using configuration management tools like Chef and Ansible. ? Wrote ANSIBLE Playbooks with Python, SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python. Run Ansible Scripts to provision Dev servers. ? Worked on frontend frameworks like CSS Bootstrap for development of Web application. ? Worked in MySQL database on simple queries and writing Stored Procedures for normalization and denormalization. ? Used Python based GUI components for the front-end functionality such as selection criteria. ? Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. ? Worked with View Sets in Django-REST framework for providing web services and consumed web services performing CRUD operations. ? Wrote ANSIBLE Playbooks with Python, SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python. Run Ansible Scripts to provision Dev servers. ? Used Flask framework for application development. ? Designed and implemented a dedicated MYSQL database server to drive the webapps and report on daily progress. ? Developed python Script for moving files from drop box to Amazon server. ? Consumed external APIs and wrote RESTful API using Django REST Framework

and AngularJs. ? Developed views and templates with python and Django view controller and templating language to create a user-friendly Website interface. ? Developed internal project in Flask to generate report from google analytics on daily, monthly and weekly basis. ? Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package. ? Used Python Library Beautiful Soup 4 for Web Scraping to extract data for building graphs Worked in development of applications especially in UNIX environment and familiar with all its commands. D.C., USA - Software Developer Fannie - Mae, WA January 2017 to January 2018 Responsibilities: ? Developed strategic partnerships with the business unit to develop a solid knowledge base of the business line, including the business plan, products, and processes. ? Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package. ? Used Python Library Beautiful Soup 4 for Web Scraping to extract data for building graphs Worked in development of applications especially in UNIX environment and familiar with all its commands. ? Developed Python based API (RESTful Web Services) to track the events and perform analysis using Django. ? Supported/maintained client website within the DJANGO CMS system for various website needs. ? Used Couchbase Python SDK to build applications that use Couchbase Server. ? Performed dynamic UI designing with HTML5, CSS3, less, Bootstrap, JSON and AJAX. ? Created Python and Bash scripts to monitor & increase efficiency of retail management application system and operations. ? Developed a Django CMS based promotion management system offering the ability to created arbitrary forms through an admin interface ? Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack Monitoring using Ansible playbooks and has integrated Ansible with Run deck and Jenkins ? Used GCP to create storage resources and define resource attributes, such as disk type or redundancy type, at the service level. ? Used Ansible playbooks to setup Continuous Delivery pipeline. This primarily consists of a Jenkins and Sonar server, the infrastructure to run these packages and various supporting software components such as Maven, etc. ? Created a Python/Django based web application for data processing using MySQL as database, and HTML/CSS/JavaScript for frontend development and D3 JavaScript for Data

Visualization. ? Implemented REST API's in Python using python based micro-framework called Flask with SQL Alchemy in the backend for management of data center resources on which OpenStack would be deployed. ? Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration. ? Designed and developed MySQL Procedures and UNIX Shell Scripts for Data Import/Export and Conversions. ? Responsible for debugging and troubleshooting programming related issues. ? Worked on Atlassian tools like Bamboo, Jira, and confluence Installed and configured configuration tool such as Chef Server/workstation and nodes via CLI tools to AWS nodes. ? Created and configured new JIRA projects and worked with departments to maintain existing JIRA projects. ? Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools and staged virtual environment using Docker Junior Python Developer Intel - Santa Clara, CA June 2015 to December 2016 Responsibilities: ? Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. ? Build all database mapping classes using FLASK models. ? Involved in building database Model, APIs and Views utilizing Python to build an interactive web based solution. ? Created Test plans. Worked on SQL scripts to load data in the tables. ? Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. ? Coding groovy, domain class to handle the business logic. ? Developed entire frontend and backend modules using Python on FLASK Framework. ? Developed custom screens using HTML5, JavaScript, jQuery, Bootstrap, Jinja and Angular.js. ? Developed monitoring and notification tools using Python. ? Expert knowledge of mobile application development along with various patterns native, web and hybrid concept. ? Involved in business logic discussions and use case design. ? Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents. ? Created Selenium web-driver automation scripts using Python to validate functionality on various browsers. ? Very good understanding of Microsoft Azure cloud platform. Experience with managing cloud delivery platforms, Azure/Aws. ? Established framework

to setup Continuous Integration environment using Jenkins, Nexus. ? Used Couchbase Python SDK to build applications that use Couchbase Server. ? Involved in developing selenium automation framework using TestNG. Developed Maven targets to execute automation suites from command line. ? Worked on AWS Cloud and Created instances in EC2. ? Participated in weekly release meetings with Technology stakeholders to identify and migrate potential risks associated with the releases. ? Imported and managed multiple corporate applications into Subversion (SVN).
Education B.Tech in Computer Science in Computer Science Rajasthan Technical University August 2011 to May 2015

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