Sr. Python Developer Sr. Python Developer ? Over 8 years of experience in developing web-based applications, software development and design using Python 3.3/2.7, Django 1.9/1.8, Perl, XML, CSS, HTML, DHTML, JavaScript, JQuery &Angular Js. ? Excellent experience with Python development under Linux OS (Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora) ? Experienced in WAMP (Windows, Apache, MYSQL, Python/PHP) and LAMP (Linux, Apache, MySQL, Python/PHP) Architecture. ? Experience in configuring and implementing various AWS components such as Elastic IPs, EBS, ElastiCache, Elastic Beanstalk, DynamoDB, Redshift and Cloud Formation. ? Strong Development Skills on Cloud Amazon Web Service (AWS) ? Familiar with JSON based REST Web services and Amazon Web services. ? Strong Operational skills on Cloud Services EC2, S3, VPC, Cloud Formation, Cloud Watch, RDS, Dynamo DB, SQS, SNS, API Gateway ? Experienced in developing Web Services with Python programming language. ? Automation experience using Selenium IDE/RC/ Web Driver and TestNG frameworks ? Good knowledge of web services with protocols SOAP and REST. ? Expertise in designing, developing middleware components for software in C/C++ using STL, multithreading, data structures and design patterns. Experienced with Python frameworks likeWebapp2 and, Flask. ? Experience with Unit testing/ Test driven Development (TDD) and Load Testing. ? Strong understanding of Agile and Scrum Software Development Life Cycle Methodologies. ? Experienced in working on Application Servers like WebSphere, WebLogic, Tomcat, Web Servers like Apache server, NGINX and Integrated Development Environments like PyCharm, Eclipse, MyEclipse, JDeveloper and RAD. Strong proficiency in version control systems like SVN, Git. ? Proficient in SQL databases MS SQL, MySQL, Oracle and no-SQL databases MongoDB and Cassandra. ? Experience with JSP Servlets, Web Services (SOAP, REST) and Tomcat. Effective in executing multiple tasks and assignments ahead of schedule. Created and maintained effective budgets. ? Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits. Work Experience Sr. Python Developer Richardson, TX October 2017 to Present Responsibilities: Developed frontend and backend modules using Python on Django including Tastypie Web Framework using Git.   Developed Merge jobs in Python to extract and load data into

MySQL database and Worked on MYSQL data lineage process to map source to target DB, table and column mappings using OO Python.   Successfully migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity and Designed, developed and deployed CSV Parsing using the big data approach on AWS EC2.   Used Sqoop to import the data from RDBMS to Hadoop Distributed File System (HDFS) and later analysed the imported data using Hadoop Components and Created and maintained Technical documentation for launching HADOOP Clusters and for executing Hive queries and Pig Scripts.   Developed Ruby on Rails 3 web applications using MongoDB and back-ground processes using Resque and Redis and Worked on performance tuning of cluster using Cassandra Configuration file and JVM Parameters. Experience in creating complex reports in MicroStrategy Desktop using features like Templates, Transformations, Custom Groups and Consolidations.   Used Ansible for automating cloud deployment process and Implemented EC2 infrastructure using Ansible, Fabric deployment process.

Designed and developed scalable Azure APIs using Flask web framework in Python and Integrated with Azure API Management, Logical Apps and other Azure services.   Worked in the Azure Cloud for integration processes.   Using React Js, worked on applications for Bash terminal component to add Extensible commands and autocomplete in content writing.   Created MySQL queue using AWS SNS, SQS, and Golang (Go), to concurrently process SQL queries in the background and Built a Golang web server to host multiple tools so another have http access to them Sr. Python Developer Keybank - Cleveland, OH January 2016 to October 2017 Responsibilities: Good experience in developing web applications and implementing Model View Control (MVC) architecture using server side applications like Django and Flask.   Experience in developing views and templates with Python and Django view controller and templating language to create a user-friendly website interface.   Developed views and templates with Python and Django view controller and templating language to create a user-friendly Website interface.   Migrated platform from physical server to virtual environment. Took it from development into production by wiring up a Nginx stack.   Consumed external APIs and wrote RESTful API using Django REST Framework and AngularJs.   Good working experience within the Django ORM or writing native

SQL in SQLServer.   Developed Python Script for moving files from dropbox to Amazon server. Build the pipelines, ran the tests in Jenkins and deployed the application in AWS   Created API Keys and Usage plans in AWS API Gateways and used the keys across the regions for using the API Gateway   Developed the notification service by posting the JSON request in AWS API Gateway, Validating the response in Lambda by getting the data from Dynamodb and sending the notification through AWS SNS.   Created AWS Secrets Manager to store the properties across the regions, retrieve the secrets and wrote a shell script to automate the process   Created AWS kinesis Firehouse and attached it to S3 bucket for having the log information and store that as Event data in the S3 storage bucket   Written Python Scripts for loading data from CSV files into the database tables.   Documented tasks in Confluence and related them to the JIRA tickets.   Extensive experience in using Python /Perl to code and design various phases for data processing pipeline Experience working with version control systems such as Git and Apache SVN for maintaining a consistent state throughout the application development process.   Involved in database-driven web application development using a variety of frameworks such as Django on Python.   Excellent experience in designing and maintaining complex SQL queries and developing PL/SQL stored procedures.   Followed the best practice of Python such as PEP-8.   Developed Python scripts to execute Stored Procedures and load data from various forms of csv files into staging tables in SQL Server database.   Involved in back end development using Python with framework Flask Developed internal project in Flask to generate report from google analytics on daily, monthly and weekly basis. Python Developer Novetta - Springfield, VA May 2015 to January 2016 Responsibilities: Extensively used Python / Django Framework for developing backend of applications.   Responsible for analysing various cross-functional, multi-platform applications systems enforcing Python best practices and provide guidance in making long term architectural design decisions.   Worked with JSON based REST Web services and Amazon Web Services (AWS)   Worked on Angular JS framework to develop interactive websites based on client needs. Successfully migrated the website's main database from MySQL to PostgreSQL.   Helped the big data analytics team with implementation of python scripts for Sqoop, spark and Hadoop batch data

streaming.   Involved in Developing a Restful service using Python Flask framework.   Actively involved in Initial software development life cycle (SDLC) of requirement gathering and also in suggesting system configuration specifications during client interaction.   Analysis the logs data and filter required columns by logstash configuration and send it to elastic search.   Handled Business logics by backend Python programming to achieve optimal results.   Implementing admin sites to manage database information with Flask Admin, MySQL and SQLite.   Involved building Hadoop platforms, maximizing business value by combining data science with big data.   Generated various graphs for business decision making using Python matplotlib library.   Tested various regular expressions in URL Dispatchers in Django.   Developed frontends using HTML5, CSS3, JavaScript and JQuery.   Creating restful web services for Catalog and Pricing with Django MVT, Jersey, MySQL, and MongoDB.   Designed and created the database tables and wrote SQL queries to access PostgreSQL.   Analysed and Designed workflows based on business logic.   Designed user friendly Interface using Bootstrap framework.   Wrote python code within the Hadoop framework to solve Natural Language Processing problems. Python Developer ZORO Tools Inc - Buffalo Grove, IL November 2014 to May 2015 Responsibilities: Involved in data analysis using python and handling the ad-hoc requests as per requirements.   Developed entire frontend and backend modules using python on Django web framework on SQL Server.   Used Python and Django creating graphics, XML processing, data exchange and business logic implementation   Involve in the development of the application using Python 3.3, HTML5, CSS3, AJAX, JSON and jQuery. Used JavaScript, jQuery, AJAX, CSS3, and HTML5 as data and presentation layer technology. Built application logic using Python 3.4/2.7. Used Django APIs for database access. Use the Model View Controller (MVC) framework to build modular and maintainable applications.   Developed Hibernate with Spring Integration as the data abstraction to interact with the database. Developed Scala programs with Spark for data in Hadoop ecosystem.   Handled potential points of failure (database, communication points and file system errors) through error handling and communication of failure.   Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework.   Improved understanding of Unit Testing, learned Golang

and its testing framework, familiarized. And Created RPC-based service for reading large volume of data from PostgreSQL using GO (Golang)   Utilized standard Python modules such as csv, robotparser, itertools and pickle for development.   Responsible for build and deployment automation using VM Ware ESX, Docker containers and Chef.   Worked on a resulting reports of the application and Tableau reports.   Configured and used ELK Stack for log management. Logged user stories and acceptance criteria in JIRA for features by evaluating output requirements and formats.   Involved in Agile process, Sprints, and daily Scrums to discuss the development of the application. Python Developer Kreative Web Solutions January 2012 to September 2014 Responsibilities: Developed the front end module of the application using Python 2.7, HTML5, CSS3, AJAX, JSON and JQuery.   Involved in the design and maintenance of the databases using Python and Python based API using Flask, SQL and PostgreSQL.   Used Python scripts to update the content in the database and manipulate files.   Involved in development of web services using SOAP for sending and getting the data from external interface in XML format.   Experienced in Agile Methodologies, Scrum stories, Sprints experience in Python along with data analytics, data wrangling and Excel data extracts.   Worked on JavaScript MVC framework like Angular JS. Exported Test case scripts and modified the selenium scripts and executed in Selenium RC environment.   Involved in writing application level code to interact with APIs, Web Services using JSON.   Created a Python /Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/JQuery and High Charts for data visualization of the served pages.   Built various graphs for business decision making using Python mat plotlib library.   Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, HTML, CSS, JavaScript, Bootstrap, JQuery and RESTAPI calls. Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team.   Executing regression tests on each release and verified bugs found from automation test in Bugzilla.   Trained extensively in agile methodologies and implemented by participating in scrum stand ups, discussing and implementing requirements with clients.   Created Python and Bash tools to increase efficiency

of call center application system and operations Python Developer Paramatrix Technologies India March 2010 to January 2012 Responsibilities: Involved in developing web applications using Django Framework to implement the model view control architecture.   Involved in Developing a Restful service using Python Flask framework.   Created entire application using Python, Django, MySQL and Linux.   Developed the presentation layer using HTML, CSS, JavaScript, JQuery and AJAX and Used JQuery libraries for all client side JavaScript manipulations.   Exposure on Multi-Threading factory to distribute learning process back-testing and the into various worker processes.   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.   Lock mechanisms were implemented and the functionality of multithreading has been used.   Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash.   Experience in managing MongoDB environment from availability, performance and scalability perspectives.   Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL, and VMWare API calls. Skills DJANGO (8 years), PYTHON (8 years), SQL (6 years), MYSQL (5 years), JAVASCRIPT (5 years) Additional Information Technical Skills: Languages Python 3.x, 2.7/2.4, C++, Java, Shell Script, Perl, SQL Python Framework Django 1.3/1.4/1.5 Databases MySQL 5.1, SQL Server 2008, Oracle 10g, Siebel Web Technologies AJAX, JavaScript, HTML, DHTML, XHTML, XML, JQuery Versioning Tools Subversion, GIT, Perforce, CVS IDE Eclipse, My Eclipse, PyCharm, RAD Web servers Apache, IIS Debugging tools Selenium, IDE NO SQL MongoDB, Cassandra Operating systems Linux/Unix, Windows NT/2000/XP/2003/Vista, Mac OSX Cloud Technologies AWS, OpenStack

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