Sr. Python Developer Sr. Python Developer Sr. Python Developer - VISA TX   Over 7+ years of experience as a Web Application Developer and Software Engineer using Python, Django. Experience in implementing PEP8 coding standards.   Hands-on-experience on python web application development using Django and Serverless framework.   Good experience in developing web applications implementing MVT/MVC architecture using Django, Flask web application frameworks.   Good Experience in Infrastructure Development and Operations involving Google App Engine and AWS Cloud platforms.   Worked on Cloud Computing AWS - EC2, RDS, S3, Glacier, SQS, SNS, Cloud Formation, VPC, IAM, Route 53, EBS, DynamoDB, Lambada, Redshift Experience in implementing PEP8 coding standards.   Experienced in installing, configuring, modifying, testing and deploying applications with Apache.   Experience in developing big data applications using Hadoop framework and its eco systems like MapReduce.   Designed and implemented Hive and Pig UDF's using Python for evaluation, filtering and storing of data. Excellent knowledge of OOPS, Multi-Threading and Collections concepts and in Python. Used Pandas library for Statistical Analysis.   Experience in data analysis and machine learning techniques with hands-on-experience on various python libraries like NumPy/Pandas/SciPy.   Good experience with Amazon Cloud EC2, Simple Storage Service S3   Worked in Python Integrated Development Environments like NetBeans, PyDev and Sublime Text.   Experienced in developing web-based applications using Python, Django, XML, CSS, HTML, DHTML and JavaScript Understanding of protocols/technologies like HTTP, LDAP, JDBC, SSL, Servlet/JSP, SQL, HTML, XML   Experience in developing python scripts for automation and performing functional tests and data validation.   Proficient in installing, configuring and using Apache Hadoop ecosystems such as MapReduce, Hive, Pig, Flume, HBase, Sqoop, Kafka, Oozie, and Zookeeper.   Knowledge of Error Capture, Exception Management, Recon strategies.   Excellent technical and analytical skills with clear understanding of design goals and development for OLTP and dimension modeling for OLAP.
  Experienced in developing Web Services with Python programming language.   Strong experience and knowledge of HDFS, MapReduce and Hadoop ecosystem components like Hive, Pig, Sqoop, NoSQL databases such as MongoDB and Cassandra.   Familiar with Amazon Web Services along

with provisioning and maintaining AWS resources such as EMR, S3 buckets, EC2 instances, RDS and others.   Expertise in Big Data architecture like Hadoop (Azure, Hortonworks, Cloudera) distributed system, MongoDB, NoSQL.   Extensive experience in loading and analyzing large datasets with Hadoop framework (MapReduce, HDFS, Pig, Hive, Flume, Sqoop).   Extensive experience in using ER modeling tools such as Erwin and ER/Studio, Teradata, BTEQ, MLDM and MDM.   Good knowledge on R and Python for statistical computing. Also experience with MLlib (Spark), Matlab, Excel, Minitab, SPSS, and SAS.   Working with Databases like Teradata and proficiency in writing complex SQL, PL/SQL for creating tables, views, indexes, stored procedures and functions.   Good experience working on analysis tool like Tableau for regression analysis, pie charts, and bar graphs. Work Experience Sr. Python Developer VISA - Austin, TX December 2017 to Present   Involved in all phases of SDLC and participated in daily scrum meetings with cross teams.   Installed and configured Hadoop ecosystem like HBase, Flume, Pig and Sqoop. Architected and developed Python and Django for the backend development and front-end application using React, Webpack, Redux, and ES6/7 and PostgreSQL for the database. Responsible for gathering requirements, system analysis, design, development, testing and deployment.   Developed and unit test integration solutions in MuleSoft Anypoint Platform. 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.   Responsible for setting up Python REST API framework using Django. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.   Developed web applications in Django Framework's model view control (MVC) architecture.   Used Python to write data into JSON files for testing Django Websites. Created scripts for data modelling and data import and export.   Used JQuery and AJAX calls for transmitting JSON data objects between frontend and controllers.   Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution.   Used object-relational mapper (ORM) to automate the transfer of data stored in relational databases tables into objects.   Used Python based GUI components for the front-end functionality

such as selection criteria.   Created test harness to enable comprehensive testing utilizing Python.   Used Amazon Web Services (AWS) for improved efficiency of storage and fast access.   Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.   Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records.   Used PyQuery for selecting DOM elements when parsing HTML.   Created Business Logic using Python to create Planning and Tracking functions.   Created UI Screens for initiation and validation.   Worked on UI using HTML5, CSS3 and JavaScript's.   Developed multi-threaded standalone app in Python and PHP to view performance.   Performed data extraction and manipulation over large relational datasets using SQL, Python, and other analytical tools.   Used Python libraries and SQL queries/subqueries to create several datasets which produced statistic statistics, tables, figures, charts and graphs.   Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.   Working in team of Architects and Developers to build and deploy Python Flask Peewee Linux AWS.   Involved in writing stored procedures using MYSQL.   Designed and developed Big Data analytic solutions on a Hadoop-based platform and engage clients in technical discussions.   Worked with Microsoft Azure Cloud services, Storage Accounts, Azure date storage and Azure Data Factory.   Performed transformations, cleaning and filtering on imported data using Hive, MapReduce, and loaded final data into HDFS.   Used S3 Bucket to store the jar's, input datasets and used Dynamo DB to store the processed output from the input data set.   Utilized Oozie workflow to run Pig and Hive Jobs Extracted files from Mongo DB through Sqoop and placed in HDFS and processed.   Used Flume to collect, aggregate, and store the web log data from different sources like web servers, mobile and network devices and pushed to HDFS.   Involved in PL/SQL query optimization to reduce the overall run time of stored procedures. Sr. Python Developer DaVita - Denver, CO May 2015 to November 2017   Used UML Rational Rose to develop Use-case, Class and Object diagrams for OOA/OOD techniques.   Built database model, Views and API's using Python for interactive web based solutions.   Placed data into JSON files using Python to test Django websites. Used Python scripts to update the content in database and manipulate files.   Developed web based application

using Django framework with python concepts.   Generated Python Django forms to maintain the record of online users.   Used Django API's to access the database.   Involved in Python OOD code for quality, logging, monitoring, and debugging code optimization.   Skilled in using Collections in Python for manipulating and looping through different user defined objects.   Wrote Python modules to view and connect the Apache Cassandra instance.   Created Unit test/ regression test framework for working/new code.   Installed and maintained web servers Tomcat and Apache HTTP in UNIX.   Utilized standard Python modules such as CSV, itertools and pickle for development. Developed efficient Angular.js for client web based application.   Responsible for designing, developing, testing, deploying and maintaining the web application.   Designed and developed the UI for the website with HTML, XHTML, CSS, Java Script and AJAX.   Used the Python's modules numpy, matplotlib, etc. for generating complex graphical data, creation of histograms etc. Developed and designed automation framework using Python and Shell scripting.   Involved in debugging and troubleshooting issues and fixed many bugs in two of the main applications which are main source of data for customers and internal customer service team.   Implemented SOAP/RESTful web services in JSON format.   Associated with debugging the applications monitored on JIRA using Agile methodology. Attended many day-to-day meetings with developers and users and performed QA testing on the application. Involved in working with Python open stock API's.   Developed Spark Code using python for faster processing of data.   Responsible for managing large databases using MySQL.   Wrote and executed various MySQL database queries from Python-MySQL connector and MySQL db package. Python Developer Havas Media - New York, NY December 2013 to April 2015 New York   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.   Involved in developing web applications using Model View Control (MVC) and Django Framework.   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.   Involved in implementing Continuous Integration and Continuous Delivery (using Jenkins) in an AWS Environment.   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.   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.   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.   Involved in Selenium Automation using Selenium Web Driver, Java and Unit Test Framework.   Created Selenium web-driver automation scripts using Python to validate functionality on various browsers.   Established framework to setup Continuous Integration environment using Jenkins, Nexus.   Used Couchbase Python SDK to build applications that use Couchbase Server.   Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.   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. Python Developer Cox Automotive - Atlanta, GA March 2011 to November 2012   Work with team of developers on python applications for RISK management.   Design, develop, test, deploy and maintain the website.   Designed and developed data management system using MySQL.   Rewrite existing Python/Django modules to deliver certain format of data.   Developed entire frontend and backend modules using Python on Django Web Framework.   Responsible for debugging and troubleshooting the web application.   Using Subversion control tool to coordinate team-development.   Used Django Database API's to access database objects.   Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript   Designed and developed data management system using MySQL.   Rewrite existing Python/Django modules to deliver certain format of data.   Used Django Database API's to access database objects.   Wrote python scripts to parse XML documents and load the data in database.   Handled all the client-side validation using JavaScript.   Expertise in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and User Defined function.   Created unit test/regression test framework for

working/new code   Using Subversion control tool to coordinate team-development.   Developed entire frontend and backend modules using Python on Django Web Framework.   Responsible for debugging and troubleshooting the web application.   Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.

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