

Sr. Python/Django Developer Sr. Python/Django Developer Sr. Python/Django Developer - CVS Health Phoenix, AZ Sr. Python, Django Developer Authorized to work in the US for any employer Work Experience Sr. Python/Django Developer CVS Health - Phoenix, AZ November 2016 to Present Roles & Responsibilities:

- ? Designing, developing and managing REST APIs utilizing Django's Rest framework and overlooking the API system.
- ? Responsible for developing an automated system to identify redundant server instances with the same session IDs and mark them for deletion, thereby freeing the memory by a significant amount at times.
- ? Development of web applications using Python frameworks as Django.
- ? Successful migration of the default Django's database (SQLite) to PostgreSQL to improve efficiency, integrity and security of data.
- ? Involved in database-driven web application development using a variety of frameworks such as Django on Python.
- ? Worked on PostgreSQL development (tables, views, joins) and migrations from SQLite databases preserving the integrity.
- ? Preparing documentation as per organizational standards, designing, implementing, and maintaining complex database applications.
- ? Worked on SSIS and created SSIS Jobs and scheduled Packages using SQL Server Management Studio for Daily Load.
- ? Loaded data from External Files into Oracle tables using SQL \*Loader
- ? Developed SQL and PL/SQL scripts to transfer tables across the schemas and databases.
- ? Worked on complex datasets including Python's native lists, dictionaries and tuples.
- ? Designed & developed templates using Django's template library and utilized them using Django's forms library.
- ? Generated property list for every application dynamically using Python and was responsible for search engine optimization to improve the visibility of the website.
- ? Used version control systems such as Git and Apache SVN for maintaining a consistent state throughout the application development process.
- ? Effectively followed Scrum along with Test-Driven Development to develop applications, services and software solutions.
- ? Scripting with Windows environments such as PowerShell.
- ? Analyzing the data with Hive, Spark and MongoDB from Hadoop and develop the mappings as per the requirement.
- ? Responsible for constantly communicating the progress and issues to the higher management and making necessary changes to the application based on flexibility, scalability and security issues.

Environment: Django 1.10, JSON, Mango DB, RISK management, SOAP, REST,

GitHub, SQLite3 Python Developer Nike - Hillsboro, OR January 2016 to October 2016 Roles & Responsibilities: ? Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. ? Wrote Python routines to log into the websites and fetch data for selected options. ? Used Python modules such as requests, urllib, and urllib2 for web crawling. ? Performed Design, involved in code reviews and wrote unit tests in Python. ? Updated site with JavaScript, JQuery, Python, Django, and SQL. ? Creating new SSRS reports-based Teradata and SQL data sources. ? Creation of SSIS packages to enable SSRS reporting. ? 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. ? Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. ? Developed entire frontend and backend modules using Python on Django Web Framework. ? Utilized PyUnit, the Python unit test framework, for all Python applications. ? Used SOAP UI tool to test the REST web service operations. ? Created complex SQL scripts in validating source with target tables and preparing business report data as per business Needs. ? Developed the required XML Schema documents and implemented the framework for parsing XML documents. ? Used JQuery and Ajax calls for transmitting JSON data objects between frontend and controllers. ? Utilized PyQt to provide GUI for the user to create, modify and view reports based on client data. ? Worked on JSon based REST Web services. ? Worked on PowerShell Scripting. ? Created a Git repository and added the project to GitHub. ? Utilized Agile process and JIRA issue management to track sprint cycles. ? Created backend database T-SQL stored procedures and Jasper Reports. Created and updated complex views and stored procedures in PostgreSQL. Environment: Python, Django, PyUnit, PyQt, JQuery, JavaScript, HTML, CSS, XML, JSON, AJAX, Shell scripting, GitHub, agile, Jira, SQL, SSIS, T-SQL, SQLite3 and Windows Python/Django Developer Symantec - Herndon, VA February 2015 to December 2015 Roles & Responsibilities: ? Designed Python/Django based web application, PostgreSQL DB, and integrations with 3rd party email, messaging, storage services. ? Developed web applications in Django Framework's model view control (MVC) architecture. ?

Worked on Multi-Threading factory to distribute learning process back-testing and 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. ? Followed different testing methodologies like unit testing, Integration testing, and web application testing. ? Developed, designed and deployed Matrix and Tabular reports with drill down and drill through features using SSRS in Business Intelligence Development Studio (BIDS) as per client requirements. ? Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash ? Design and implemented custom scripts. ? Develop consumer based features and applications using Python, Django, HTML and Test Driven Development (TDD) ? Rewrote existing Python/Django modules to deliver certain format of data. ? Responsible for tracking and monitoring project status in JIRA (Agile) ? Developed Python web services for processing JSON and interfacing with the Data layer. ? Worked on deployment of project on to Amazon S3. ? Used GIT version control. ? Designing & deployment of Hadoop cluster and different Big Data analytic tools including Hive, Spark. ? Worked on development of SQL and stored procedures for normalization and renormalization in MYSQL. ? Built SQL queries for performing various CRUD operations like create, update, read and delete. ? Used collections in Python for manipulating and looping through different user defined objects. ? Engaged in Design, Development, Deployment, Testing, and Implementation of the application. ? Worked in development of applications especially in UNIX environment and familiar with all of its commands. Environment: Python 2.7, Django 1.4, HTML5, CSS, XML, MySQL, Script, C++, Angular JS, Backbone JS, JQuery, CSS Bootstrap, Mongo DB, MS SQL Server, SSIS, T-SQL, Script, Eclipse, Git, GitHub, AWS, Linux, Shell Scripting Python/Django Developer Intuit - San Diego, CA November 2013 to December 2014 Roles & Responsibilities: ? Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. ? Responsible for gathering requirements, system analysis, design, development, testing and deployment. ? Worked on creating Python API's ? Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. ? Involved in building database Model, APIs

and Views utilizing Python, in order to build an interactive web-based solution. ? Designed and managed API system deployment. ? Developed Python batch processors to consume and produce various feeds. ? Developed entire frontend and backend modules using Python on Django Web Framework. ? Developed Business Logic using Python on Django Web Framework. ? Created database objects like procedures, functions, triggers and indexes. ? Worked with various SSIS control flow tasks and data transformation tasks like data conversion, derived column, look-up, and fuzzy look-up, conditional split etc. ? Created checkpoints and configuration files in SSIS packages ? Developed Merge jobs in Python to extract and load data into MySQL database. ? Successfully migrated the Django database from SQLite to MySQL with complete data integrity. ? Also used Bootstrap as a mechanism to manage and organize the html page layout. ? Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. ? Used GitHub for version control. ? Developed SQL Queries, Stored Procedures, and Triggers Using Oracle, SQL, PL/SQL. Environment: Python, Django, PHP, C++, HTML5, CSS3, JQuery, API, AJAX, XHTML, Bootstrap, AWS, JavaScript, XML, GitHub, Flash, SQLite, MYSQL, SSIS, SQL, PLSQL, Oracle and Windows Python developer Innovative Technologies - IN August 2011 to September 2013 Roles & Responsibilities: ? Responsible for using the best technologies to add features to the existing system and services. ? Involved in all aspects of the development process from product inception to scaling in production. ? Responsible for driving software development best practices for the team and also, mentoring and developing junior engineers. ? Worked in collaboration with project managers and higher management in cross-functional teams within Sales and Account Management, to understand business requirements and develop efficient, elegant approaches to their implementation. ? Heavily leveraged Python's graphics APIs for creating graphics and serialization libraries for encoding data in XML/JSON formats. ? Wrote REST APIs, as part of developing web-based applications for insurance premium calculations, using Django's REST framework. ? Also involved in writing REST APIs using Django framework for data exchange and business logic implementation. ? Used collections in Python for manipulating and looping through different user defined objects. ? Created checkpoints and configuration files in SSIS

packages. ? Extensively used merge command as alternative to small SSIS packages in dimension and fact load. ? Design and implemented custom Bash scripts for controlling the data flow from the PostgreSQL database. ? Assisted the development team in sending the correct data via query strings using PostgreSQL as the back-end for storing data. ? Used Django configuration to manage URLs and application parameters. ? Responsible for configuring NoSQL databases like Apache Cassandra and Mongo DB to for increasing compatibility with Django. ? Designed and created backend data access modules using PL/SQL stored procedures. ? Wrote SQL Queries and implementing stored procedures, functions, packages, tables, views, cursors, triggers. ? Responsible for debugging the project monitored on JIRA. ? Performed troubleshooting, fixed and deployed many bug fixes for applications that were a main source of data for both customers and internal customer service team. ? Handled potential points of failure through error handling and communication of failure. ? Risk analysis for potential points of failure (database, communication points and file system errors). ? Troubleshoot the process execution and worked with other team members to correct them. ? Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time. ? Developed and executed User Acceptance Testing portion of test plan. ? Generated Django forms to record data of online users and used PyTest for writing test cases. ? Extensive use of version controlling systems like GIT and SVN. ? Involved in capturing the requirements for serial functional interface and other software requirements specification document. Environment: Python, Django, MySQL, SSIS, SVN, Unit Test Python Developer ARIS Global - Bengaluru, Karnataka May 2010 to July 2011 Roles & Responsibilities: ? Involved in the Design, development, test, deploy and maintenance of the website. ? Developed the UI using HTML, AJAX, CSS and JavaScript. ? Developed entire frontend and backend modules using Python on Django Web Framework. ? Generated property list for every application dynamically using Python. ? Responsible for search engine optimization to improve the visibility of the website. ? Developed Merge jobs in Python to extract and load data into MySQL database. ? Designed and developed the presentation layer/client end using HTML, XML, DHTML and JSP. ? Handled all the client side validation using JavaScript. ? Wrote validation scripts in SQL to validate

data loading. ? Use Git for version control. ? Performed Unit and system testing. ? Trained users and did production support. Environment: Python, Django, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Apache Web Server, Git, Linux Education Bachelor's Degree in Computer Science in Computer Science JNT University 2009 Skills DJANGO, PYTHON, SCRIPTING, SVN, SQL SERVER Additional Information ? IT Professional with 8+ years of experience in designing, developing and maintaining large-scale systems/applications with strong expertise in Python 2.7, 3.2 and 3.5. ? Thorough in full software development life-cycle, architecting scalable platforms, object oriented programming, database design and Agile methodologies. ? Expert knowledge of and experience in Object Oriented Design and Programming concepts. ? Experience in writing REST APIs in Python for large-scale applications. ? Experience in using Python's REST framework. ? Good experience in real-time configuration and management of MySQL, MongoDB, Cassandra and PostgreSQL databases on a large scale. ? Familiar with JSON based REST Web services and Amazon Web services. ? Good experience in writing SQL queries and implementing stored procedures, functions, packages, tables, views, cursors, triggers. ? Significant application development experience in Ubuntu, RedHat and Windows environments. ? Expert in using developmental tools such as Eclipse, PyCharm and Sublime Text, version control tools like Git and Apache SVN. ? Experience in developing and consuming Web Services using WSDL, SOAP, HTTP, and UDDI. ? Good knowledge in RESTful web services. ? Experience in adopting security best practices during development and production. ? Experience in testing and debugging applications using PyUnit, PyTest and JUnit frameworks. ? Experience in writing test cases from the requirements and also, writing various test scripts for the applications. ? Experience working in a Test-Driven Development environment and software development lifecycles such as Waterfall and Agile (Scrum). ? Experience in developing Web Services with Python programming language. ? Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database. Technical competencies: Programming Languages: Python, Java Web services: SOAP, RESTful Data bases: Oracle 10/11g, MySQL, NoSQL, SQL Server, SSIS IDE's and tools: Eclipse, Pycharm, NetBeans Python Frameworks: Django OS &Environment: XP,

windows, Linux, UNIX, Ubuntu UNIX Shell Scripting: UNIX Shell Scripting Version control: GitHub,  
SVN Development Methodologies: Agile, Scrum

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