

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Florida Department of Health
Denver, CO Authorized to work in the US for any employer Work Experience Sr. Python Developer
Florida Department of Health - Tallahassee, FL September 2016 to Present Florida Department of
Health administers healthcare programs, such as Medicare, Medicaid, Children's Health Insurance
Program (CHIP), and these three major national healthcare programs benefit about 100 million
Americans. Roles & Responsibilities: Worked in comprehending and examining the client's
business requirements. Used Django frameworks and Python to build dynamic webpages.
Developed tools for monitoring and notification using Python. Enhanced the application by using
HTML and Java script for design and development. Used data structures like directories, tuples,
object oriented class based inheritance features for making complex algorithms of networks.
Created PHP/MySQL back-end for data entry from Flash and worked in tandem with the Flash
developer to obtain the correct data through query string Involved in designing database Model,
API's, Views using python to build an interactive web based solution. Generated Python Django
Forms to record data of online users. Implemented Data tables to add, delete, update and display
patient records and policy information using PyQt. Implemented a module to connect and view the
status of an Apache Cassandra instance using python. Developed MVC prototype replacement of
current product with Django. Improved the Data Security and generated report efficiently by
caching and reusing data. Created UI using JavaScript and HTML5/CSS3. Managed datasets
using Panda data frames and MYSQL. Queried the database queries using Python-MYSQL
connector and retrieved information using MySQL DB. Recorded the online users' data using
Python Django forms and implemented test case using PyTest. Developed the application using
the Test Driven methodology and designed the unit tests using Python Unit test framework.
Created web application prototype using jQuery and Angular JS. Deployed the project into Heroku
using GIT version control system, Maintained and Updated the application in accordance to the
clientele's requirement Environment: Python 3, Django 1.6, Tableau 8.2, Beautiful soup, HTML5,
CSS/CSS3, Bootstrap, XML, JSON, JavaScript, JQuery, AngularJS, BackboneJS, Restful Web
services, Apache Spark, Linux, Git, Amazon s3, Jenkins, MySQL, Mongo DB, T-SQL, Eclipse Sr.

Python Developer Express Scripts - St. Louis, MO August 2015 to August 2016 Roles &

Responsibilities: Analyzed the system and client requirements, specifications in detail.

Developed the modules for the front end of the application with Python, CSS, AJAX and JQuery.

Developed and tested many features for dashboard using Flask, CSS and JavaScript.

Implemented web services to interact with UI using REST. Updated parts of the webpage application using Java script and XML. Implemented user interface guidelines and standards

throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Implemented Backbone JS for creation of networking applications using JavaScript.

Implemented code for SQL queries to perform operations like Create, Read, Update and delete.

Worked in tandem with management teams regarding the product definition, scope and scheduling.

Managed and coordinated the development team at an offshore site. Deployed the project into Heroku using GIT version control system. Skilled in using collections in python for manipulating

and looping through different user defined objects. Environment: Django, XML, HTML, CSS, IE8, FF, Safari, SQL, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, AJAX, JSON, RESTful

Python Developer Solar Turbines - San Diego, CA January 2014 to July 2015 Roles &

Responsibilities: Involved in various phases of problem analysis, design and development and testing. Used the Numpy and SQL Alchemy for mathematical and performance calculations using

python. Transferred the Django data base with complete integrity of the data from SQL to PostgreSQL successfully. Integrated the Flash into CMS using the Flashvars stored in the Django

Models. Created the XML with the Django for Flash to use it. PyUnit was used to create and execute the test plans. Worked with the testing team for resolving bugs. Worked in tandem with

the testing team for debugging. Closely involved in performance evaluation and User Acceptance Test. Environment: Python 2.7, Windows, Django, MySQL, PostgreSQL and python libraries such

as Numpy, SQL Alchemy, MySQL Python Developer Flagstar Bank - Troy, MI October 2011 to December 2013 Roles & Responsibilities: Developed Python scripts to read from Excel files,

generate XML configuration files and for generating IP access frequency lists in different data logs.

Designed and developed different web based applications based on the client requirements.

Created web forms using Python/Django Framework that saved data into a database. Utilized Pandas - Python library for analyzing data and data structures. Managed large datasets using Pandas data frames and SQLite. Performed front-end development for web initiatives to ensure usability, using HTML and CSS. Tested all completed work to ensure proper and error free functionality. Enhanced quality, feel, and usability of consumer-facing website. Wrote Use Case diagrams, Class diagrams Sequence Diagrams, and State Diagrams. Designed manuals, workbooks, and other printed media for reference purpose. Created and executed custom SQL queries and stored procedures and also created an application to store client phone calls and emails that were routed to various developers. Environment: Python 2.7, Django 1.2, Pandas, CherryPy, Flask, SQLite, Jenkins, HTML, CSS Python Developer Med Assets - Alpharetta, GA January 2010 to September 2011 Roles & Responsibilities: Involved in gathering requirements for the project and design. Performed the UI development using Java Script, HTML. Used python to convert from visual basic. Updated and manipulated the contents and files in the data base by implementing python scripts. Created Reports using JASPER. Implemented using SQL and SQL stored procedures to create a data access for the database. Performed Unit/System test. Encrypted and Decrypted the ISO standard message using python. Ensured that the data collection was high and maintained the integrity of the data. Developed object-oriented programming to enhance company product management. Used several python libraries like wxPython, Numpy and matplotlib for matrices and visualization. Installed and implemented the environment code and SVN respectively. Used Django models to create database mapping classes. Performed large data manipulation and retrieval using the Pandas API and converted the data as a time series. Responsible for debugging and troubleshooting the web application. Environment: Python 2.6/2.7, Scipy, Pandas, BugZilla, SVN, C++, Java, JQuery, MS SQL, Visual Basic, Linux, Eclipse, Java Script, XML, JASPER, PL/SQL, Oracle 9i, Shell Scripting, HTML5/CSS, Apache Software Engineer / Python SIM Solutions - Delhi, Delhi September 2008 to October 2009 Roles & Responsibilities: Tasks include gathering requirement, performing analysis along with development and design as part of the software development cycle. Responsible for creating use

case outline, activity flow diagrams and object/class diagrams in the initial phase. Performed the data transition and API to Oracle from the Sybase ASE. Performed the transition of PL/SQL code to Oracle to Sybase. Migration of the data contained in the earlier ASPL Database from Sybase to Oracle. Involved in the library transition to Oracle API from Sybase API. Automated the testing using python. Environment: Python 2.7, Shell scripting/SQL, SVN, Quality Centre, Solaris, Windows, Perl Education Bachelor's Degree in Electronics & Communications Engineering in Electronics & Communications Engineering Anna University - Chennai, Tamil Nadu Skills Django (7 years), HTML (6 years), Python (8 years), SQL (8 years), XML (7 years) Links <http://www.montage.global> Additional Information IT Professional with 9+ years of referable experience in Systems Analysis, Design, Development and Implementation of Web Applications. 5+ of recent and strong experience in Python and in Django. Expert in application development using Python, Django, HTML5, CSS, JavaScript, Oracle, SQL and SQLite. Experience in web UI design and interface development using HTML, DHTML, CSS, Bootstrap, JavaScript, JQUERY, AJAX and JSON. Experience in implementing MVC architectures using Full stack frameworks such as Django and Flask for developing web applications. Experience in control systems such as Git and SVN. Experience with both SOAP and REST protocols for information exchange. Experience with ORM's such as Django and SQL Alchemy, database design and normalization. Vastly experienced in Python, Object Oriented programming languages etc. Experience in various stages of software development life cycle that included analysis, design, development, deployment and testing of an application for business outputs. Thorough understanding of Agile Software Development - a framework that delivers customer collaboration and interaction with processes and tools. Experience in using Git, GitHub and deploying using Heroku. Experience in concepts like Exceptional Handling, Inheritance. Experience on large data sets and performance optimization of delivering large datasets by using caching mechanism. Expert in developing user friendly, simple yet effective web based applications. Experience with server-side technologies including relational databases, RESTful services and MVC design patterns. Good Exposure in maintaining various version controls. Expert in maintaining documentation of the highest quality and provide

architecture solutions in the IT and sales. Extensive experience in Test Driven Development and Unit Testing. Experience on different operating systems Windows, Linux, Ubuntu and UNIX. Excellent team player, very dynamic, flexible with positive attitude with excellent learning skills.

Technical Competencies: Languages Python, HTML, SQL, C++, Shell Script, SQL Framework Django, Flask, .NET Framework4.5, Spring, Drupal Web Technologies AJAX, JavaScript, HTML, ReactJS, XML, JQuery, AngularJS, Django Versioning Tools Subversion, GIT, Perforce, SVN, CVS, Gerrit, Jenkins, Selenium Databases MySQL, SQL Server 2012, Oracle, Mango DB Operating systems Linux/Unix, Windows Variants

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