

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Florida Department of Health  
Sacramento, CA 7+ years of IT experience in Analysis, Design, Development, Implementation and  
Testing of various stand-alone and client-server architecture based enterprise application software  
in Python on various domains. Handy experience in developing Web-Applications implementing  
Model View Control architecture using Django, Flask frameworks. Experienced in developing  
Web-based Applications using Python, CSS, HTML, JavaScript. Experienced in developing Web  
Services with Python programming language. Good knowledge of Web Services with protocols  
SOAP, REST. Involved in Unit testing, Integration testing, User-Acceptance testing, and  
Functional testing. Expertise in working with server side technologies including databases, Restful  
APL and MVC design patterns. Strong knowledge in SQL concepts - CRUD operations and  
aggregation framework. Well versed with Design and Development of presentation layer for web  
applications using technologies like HTML, CSS, and JavaScript. Experience in working with  
different operating systems like UNIX, and MAC OS X. Good Analytical and Problem-Solving skills  
and ability to work on own besides being a valuable and contributing team player. Having  
experienced in Agile Methodologies, Scrum stories and sprints experience in a Pythonbased  
environment, along with data analytics, data wrangling and Excel data extracts. Experience in  
working with Python ORM Libraries including Django ORM. Hands on experience in working with  
various Version Control Systems, mostly GIT. Good Communication and interpersonal skills.  
Authorized to work in the US for any employer Work Experience Sr. Python Developer Florida  
Department of Health - Tallahassee, FL August 2017 to Present Description: 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. 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 MySQLdb. Recorded the online users' data using Python Django forms and implemented test case using Pytest. Developed the application using the TestDriven 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, Angular JS, Backbone JS, Restful Web services, Apache spark, Linux, Git, Amazon s3, Jenkins, MySQL, Mongo DB, T-SQL, Eclipse. Python developer Optum - Saint Paul, MN September 2016 to July 2017 Responsibilities: Used Python to build their pricing, risk management and trade management platform. Experience in Numpy/Scipy, Pandas ( Python data analysis library) for all sort of data analysis. Supported the bank website in creating user profiles, we can also do the simple banking transactions for the withdrawals, deposit and transactions is accompanied by password check by securing individual account holder's privacy with the banking management scripts in Python. Built a restful microservice with the use of flask. Developed the web applications with the use of the Django and flask. Backend skills in creating SQL objects like Tables, Stored Procedures, Views, Indexes, Triggers, Rules, Defaults, user defined data types and functions. Using Django\_evolution and manual SQL modifications was able to modify Django models, while retaining all data, while sight was in

production mode. Generated property list for every application dynamically using Python. Using Subversion version control tool to coordinate team-development. Responsible for debugging and troubleshooting the web application. Involved in Unit testing and Integration testing for the application. Develop and validated unit test cases using PYUNIT. Performing code coverage and Pep8 standardization. Involved in daily Scrum meetings and follows agile methodology.

Environment: Python, Django, Panda API, JSON, Shell Scripting, HTML, Javascript, JQuery, XML, SOAP, Agile, SQL. Python developer Wisgnex, Santaclara CA January 2015 to August 2016

Responsibilities: Analysis of requirements and implement different functions according to design. Developed the back-end web services for the worker using python and REST APIs. Wrote scripts in Python for Extracting Data from JSON and XML files. Implemented MVC architecture in developing the web application by Django framework. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. Used Python scripts to update content in the database and manipulate files. Generated Python Django Forms to record data of online users. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Used Pandas API to put the data as time series and tabular format for fast timestamp data manipulation and retrieval. Involved in writing python scripts for Unit testing, Automation testing and used Jenkins for Integrations testing by creating jobs. Used Git and JIRA for code submissions and issue tracking. Performing code coverage and Pep8 standardization. Involved in daily Scrum meetings and follows agile methodology.

Environment: Python, Django, Panda API, JSON, HTML, CSS, Javascript, JQuery, XML, SOAP, Jira, Agile, SQL, Mysql. Python developer Mskills, Hyderabad IND May 2012 to December 2014

Responsibilities: Involved in the Design, development, test, deploy and maintenance of the website. UI was developed using HTML, CSS and JavaScript. Developed entire frontend and backend modules using Python on Django Web Framework. Generated property list for every application dynamically using Python. Used Python and Django creating graphics, XML processing of documents, data exchange and business logic implementation between servers. 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. Wrote validation scripts in SQL to validate data loading. Use Git for version control. Performed Unit and system testing. Environment: Python, Django, MySQL, HTML, XHTML, CSS, JavaScript, Apache Web Server, Git, Linux. Python Developer Code&Pixel, Hyderabad IND March 2010 to April 2012 Responsibilities: Used Agile Methodology and SCRUM Process. Developed UI using HTML, AJAX, Java script and jQuery and JQuery UI. Re-engineered various modules for implementing changes and creating efficient system. Developed rich UI web application using java script libraries like JQuery UI, data grid Designed and developed components using Python and implemented code in Python to retrieve and manipulate data. Used MySQL as backend database and MySQL dB of Python as database connector to interact with MySQL server. Used Restful APIs to access data from different suppliers. Support the scripts configuration, testing, execution, deployment and run monitoring and metering. Used Restful API's to gather network traffic data from Servers. Supported Apache Tomcat web server on Linux Platform. Developed and executed User Acceptance Testing portion of test plan. Debugging Software for Bugs. Environment: Python, Django, HTML Restful API, Mysql, Shell Scripting, PL/SQL, UNIX, Linux Education Bachelor's Skills database (7 years), Django (8 years), HTML (8 years), MySQL (7 years), Python (8 years) Additional Information Technical Skills Web - Technologies: CSS, Java Script, JQuery, HTML, AngularJS Programming Language: Python, Java Frameworks: Django Data Base Technologies: Mysql, NoSQL database Version control: Git Operating System: Windows7/8, Red hat Linux 4.x/5.x/6.x, and MAC OSX

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