

Python Developer Python Developer Python Developer - Red Brick Health Minneapolis, MN, MN

Over 5+ Years of experience in Analysis, Design, Development and Implementation of various web, stand-alone, client-server applications using Python and Django. Good experience in developing web applications implementing MVT/MVC architecture using Django, Flask frameworks. Working Experience with Django Authentication modules with custom modifications as needed.

Experienced in object-oriented programming concepts and using REST API's and JSON in Python.

Good experience in Using Python packages like NumPy, Pandas, PyTables, SQL Alchemy and SciPy. Good Knowledge of web services using SOAP and REST protocols. Experience in developing application using AWS (Amazon Web Services). Hands on experience with various Python Integrated Developments Environment like IDE, PyCharm, Eclipse and Sublime Text.

Good experience with Python frameworks like Flask and WebApp2. Have Experience in List Comprehensions and Python inbuilt functions such as Map, Filter and Lambda. Hold experience in using Git and SVN. Proficient in Front end development experience using Python 3.6/2.7, Django 1.7/1.8, HTML, XML, CSS, JavaScript, Bootstrap, JQuery, JSON and Angular.js. Have strong understanding of Python multi-threading, multi-processing and their limitations. Working Experience in UNIX and Linux shell environments using command line utilities. Having experience with Agile with SCRUM, Waterfall Model and Test driven development methodologies.

Experienced in NoSQL technologies like MongoDB, and relational databases like SQLite, PostgreSQL and MySQL databases. Good knowledge in working with application server - Apache Server, Tomcat, Nginx, WebLogic and WebSphere. Proficient in writing unit testing code using Unit Test/PyTest and integrating the test code with the build process. Good documentation skills with the ability to meet deadlines and has the ability to work in a cross functional environment.

Experienced with full software development life cycle of the projects including Design, Development, and Deployment, Testing, Implementation and support. Excellent communication, Teamwork, inter-personnel and presentation skills, fast learner and organized self-starter. Work Experience

Python Developer Red Brick Health - Minneapolis, MN February 2018 to Present Responsibilities:
Involved in various phases of the project like Analysis, Design, Development, and Testing.

Develop consumer-based features and applications using Python, Django, Pyramid, Flask, Web2 HTML and other web technologies. Wrote with object-oriented Python, Flask, SQL, BeautifulSoup, urllib2, Jinja2, HTML/CSS, Bootstrap, JQuery, Linux, Sublime Text and GIT. Designed and developed Use-Cases, Classes and Object Diagrams using UML Rational Rose for Object Oriented Design techniques. Designed front end and backend of the application using Python on Django Web Framework. Develop consumer-based features and applications using Python and Django in test driven Development and pair-based programming. Worked with View Sets in Django-REST framework for providing web services and consumed web services performing CRUD operations. Consumed external APIs and wrote RESTful API using Django REST Framework and Angular.js. Developed Python Script for moving files from drop box to Amazon server (AWS). Developed internal project in Flask to generate report from google analytics on daily, monthly and weekly basis.

With using of Python OS module on UNIX environment, made job cloning and forking. Involved in working with Web-services backend development using Python (CherryPy, Django, and SQLAlchemy). Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. Involved in development of Web Services using and REST for sending and getting data from the external interface in XML and JSON format. Worked on front end frame works like CSS, Bootstrap for development of Web application. Design and configure database, back end applications and programs. Managed large datasets using Pandas data frames and SQL. Used PyUnit, the Python unit test framework, for all Python applications. Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records. Used PyQuery for selecting particular DOM elements when parsing HTML. Created a Git repository and added the project to GitHub. Wrote and executed various MYSQL database queries from Python using Python-MYSQL connector and MySQL dB package. Involved in daily Scrum meetings and follows agile methodology. Tools & Technologies: Python 3.x/2.x, Django, Pandas, Django-Rest, Flask, BeautifulSoup, urllib2, Jinja2, Sublime Text, AWS, HTML5, CSS3, JavaScript, Angular.js, Bootstrap, JSON, AJAX, Rest, PyUnit, PyQt, PyQuery, MySQL, Agile, Windows and LINUX. Python Developer Genentech - San Francisco, CA October 2016 to January 2018 Responsibilities:

Actively involved in Initial software development life cycle (SDLC) of requirement gathering and in suggesting system configuration specifications during client interaction. Prepared and analyzed reports using Python libraries and involved in environment setup. Used Python/Django MVC framework to design and develop the application. Used multiple Python libraries like Numpy, Scipy, Pandas, matplotlib, requests, urllib3, pickle and JSON, etc. Worked on object-oriented programming (OOP) concepts using Python, Django and Linux. Developed Views and Templates with Django view controller and template language to create a user-friendly website interface. Used Python library Beautiful Soup for web scraping's. Wrote scripts to Import and Export data to CSV, EXCEL formats from different environments using Python and made a Celery action using REST API call. Developed and implemented the user registration and login feature for the application process by extending Django user model. Used Django evolution and manual SQL modifications were able to modify Django models while retaining all data, while site was in production mode. Implemented machine learning schemes using Python libraries like scikit-learn and SciPy. Worked on several Python packages like Matplotlib, Pillow, Numpy, SQL Alchemy and sockets. Used Pandas API to put the data as time series and tabular form for fast timestamp data manipulation and retrieval to handle time series data and do data manipulation. Implemented REST API's in Python using micro-framework like Flask with SQL Alchemy in the backend for management of data center resources on which OpenStack would be deployed. Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Used Amazon Web Services (AWS) for improved efficiency of storage and fast access. Created Python script to monitor server load performance in production environment and horizontally scale the servers by deploying new instances. Used Wireshark, live http headers, and Fiddler2 debugging proxy to debug the Flash object and help the developer create a functional component. Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. Designed and implemented a dedicated My-SQL database server to drive the web apps and report on daily progress. Involved in debugging the applications monitored on JIRA using agile

methodology. Tools & Technologies: Python 3.x/2.x, Django, Matplotlib, NumPy, SQL Alchemy, Wireshark, Fiddler2, Pandas API, SciPy, BeautifulSoup, Urllib3, Rest API, JSON, HTML5, Angular.js, Bootstrap, Openstack, AWS, Flask, Jira, My-SQL, LINUX and Windows. Python Developer Nord Storm Apparels - Seattle, WA November 2015 to September 2016 Responsibilities:

Responsible for gathering requirements, system analysis, design, development, testing and deployment. Used Python based GUI components for the front-end functionality such as selection criteria. Created test harness to enable comprehensive testing utilizing Python. Developed Business Logic using Python on Django Web Framework. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Generated Python Django Forms to record data of online users. Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization. Developed web applications and RESTful web services and APIs using Python Flask, Django and PHP. Developed Merge jobs in Python to extract and load data into MySQL database. Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of Python code using a web browser. Used Python and Django creating graphics, XML, JSON processing, data exchange and business logic implementation. Wrote advanced HTML 5, JavaScript and CSS to deliver cutting-edge user interfaces and components. Written Python scripts to parse JSON documents and load the data in database. Produced graphical models (including conditional random fields), and/or computer vision with Pandas, Numpy and Matplotlib. Used Django Database API's to access database objects. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. Created multiple Python and UNIX shell Scripts for various application level tasks. Developed Python scripts to perform auditing tasks and generating Excel reports to support engineering a logistics, sales and inventory management system. Followed Agile Methodologies and SCRUM Process. Interacting with QA teams to review and develop data standards, data exchange, XML data standard, and data sharing model. Tools & Technologies: Django, Python, JSON, XML, WebApp2, RestFul, Matplotlib, NumPy, Pandas, HTML5, CSS, JavaScript, Agile, MySQL, UNIX Shell Scripts and Windows. Software Developer Dhyani

Technologies, Anand - Gujrat, PK March 2014 to October 2015 Responsibilities: Involved in entire lifecycle of the projects including Design, Development, Deployment, Testing and Implementation and support. Created entire application using Python and Django. Developed applications especially in Linux environment and familiar with all its commands. Involved in development of Web Services using REST for sending and getting data from the external interface in the XML format. Worked with Linux like OS on regular basis. Improved code reuse and performance by making effective use of various design patterns. Creating unit test/regression test framework for working with new code. Construct SQL queries implementing functions, packages, views, triggers, and tables. Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Maintaining the scripts using the GIT version control tool. Maintaining customer database using MY SQL. Proactively worked with managers and development staff to meet project goals within expected timeline. Tools & Technologies: Python, Django, GIT, XML, SQL, MY SQL, Linux. Education Bachelor of Engineering in Electronics and Communication Gujarat Technological University Skills Javascript, MySQL

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