

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Rockwell Automation Cleveland, OH Around six years of experience in developing web-based applications, software development and design using Python 3.5/3.3/2.7, Django 1.9/1.8, XML, CSS, HTML, C++, DHTML, JavaScript, JQuery & Angular Js. Experience as an PL/SQL Developer and Data Analyst too. Experienced in MVC frameworks like Django, Flask and Pyramid. Well versed in Django ORM and SQLAlchemy.

Extensive use of Linux (Ubuntu), SSH, Flask/Django, Numpy, Pandas. Proficient in SQL databases MySQL, Oracle and no-SQL databases MongoDB, Cassandra. Worked on AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings. Experience in developing AWS clouding system and Building integration with a number of third parties, making heavy use of asynchronous processing with Celery and RabbitMQ. Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript,Bootstrap. Familiar with JSON based REST Web services. Expertise in MVC frameworks like Django, Angular JS, Java Script, JQuery and Node.js. Experienced in developing WebServices with Python programming language. Extensive experience with Object Oriented Design and SDLC methodologies using Rational Rose, Unified Modeling Language (UML). Good skills in HTML, CSS, and JavaScript including familiarity with common libraries like jQuery, Foundation, Bootstrap and Backbone. Good experience in Shell Scripting,SQL Server, Unix and Linux, Open stock. Expertise in Object-Oriented design and coding. Good knowledge of various Design Patterns and UML. Experienced in data modeling for analytics by building queries using Map/Reduce (pymongo/mongodb) and implementing for visualization using Elastic search, kibana and logstash on Apache server. Good knowledge of Perl programming along with experience in Agile and Waterfall working environment. Experience in analyzing and handling large datasets using Oracle Relational database9i, 10g, 11g. Architecture. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database. Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers. Have good idea about tools like Bugzilla, Jira, Confluence, and Axosoft. Knowledge of the Software Development Life Cycle (SDLC), Agile and Waterfall

Methodologies. Followed Agile Methodologies (Scrum), involved in daily standup meetings. Responsible for timely releases for Sprints. Great affinity to knowledge and strong attention to detail. Excellent communication, problem solving and interpersonal skills. Authorized to work in the US for any employer

Work Experience

Sr. Python Developer Rockwell Automation - Cleveland, OH
July 2015 to Present

Responsibilities:

- Developed frontend and backend modules using Python on Django including Tastypie Web Framework using Git.
- Developed Merge jobs in Python to extract and load data into MySQL database.
- Successfully migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity.
- Developed various sections using AngularJS, HTML, CSS, Velocity, Ajax, Json and Spring web service.
- Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework.
- Developed a proof of concept for using Cassandra to store and process Dealers history.
- Developed an internal web application with Cassandra to perform high read/write operations on Dealers data.
- Developed Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore.
- Familiar with C++ and JSON based REST Web services and Amazon Web services (AWS).
- Dynamic implementation of SQL server work on website using SQL developer tool.
- Designed front end using UI, HTML, Bootstrap, Node JS, underscore JS, Angular JS CSS, and JavaScript.
- Developed application using Amazon Web Service like EC2, cloud search, Elastic load balancer ELB, Cloud Fron Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using puppet.
- Involved in the Complete Software development life cycle (SDLC) to develop the application.
- Used Numpy for Numerical analysis.
- Leveraged AWS to allow users to dynamically update static websites
- Followed AGILE development methodology to develop the application.
- Used and customized apache server to for checking our developed project.
- Used Test driven approach (TDD) for developing services required for the application.
- Implemented Integration test cases.
- Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
- Worked on HTML5, CSS3, JavaScript, AngularJS, Node.JS, Git, REST API, Mongo DB, intelliJ IDEA.
- Used Git to resolve and codingthe work on python and

portlet. Used several python libraries like wxPython, numPY and matPlotLib. Was involved in environment, code installation as well as the SVN implementation. Build all database mapping classes using Django models and Apache Cassandra. Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval. Environment: Python 3.3, PyQT, PyQuery, MVW, HTML5, CSS3, DOM, Angular.js, Shell Scripting, JSON, Rest, Apache Web Server, Django, SQL, UNIX, CASSANDRA 2.2.6 Windows, MongoDB, PostgreSQL, C++, and python libraries such as Numpy, IPython, sqlalchemy, Django Tastypie Python Developer Chevron - San Ramon, CA December 2012 to November 2014 Responsibilities: Worked on server side applications with Django using Python programming. Used python libraries like Beautiful Soup and matplotlib. Utilized standard Python modules such as csv, robotparser, itertools and pickle for development. Worked on Python OpenStack APIs and used Numpy for Numerical analysis. Used Ajax and JQuery for transmitting JSON data objects between frontend and controllers. Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Installation and setting up Python/Django/MySQL in AWS and EC2 cloud platform Implemented AJAX for dynamic functionality of a webpages for front end applications. Worked on front end frame works like CSS Bootstrap for responsive webpages. Developed and tested many features for dashboard, created using Bootstrap, CSS, and JavaScript. Developed Wrapper in Python for instantiating multi-threaded application. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using Python-MySQL connector and MySQLdb package to retrieve information. Developed various algorithms for generating several data patterns. Used JIRA for bug tracking and issue tracking. Added several options to the application to choose particular algorithm for data and address generation. Developed Data Mining Applications using PHP and Python. Worked on UI using HTML5, CSS3 and Java Scripts. Developed the project in Linux environment. Used Agile Methodology and SCRUM Process. Worked on creating documents in Mongo database.

Maintained the versions using GIT and sending the release notes for each release. Environment: Python 2.4, Django, CSS, HTML, UNIX, BOOTSTRAP, JavaScript, JQuery, AJAX, MYSQL, Linux, Heroku, GIT. Python Developer MARRIOTT - Bethesda, MD July 2011 to August 2012

Responsibilities: Involved in developing web applications using Django Framework to implement the model view control architecture. Involved in Developing a Restful service using Python Flask framework. Created entire application using Python, Django, MySQL and Linux. Developed the presentation layer using HTML, CSS, JavaScript, JQuery and AJAX. Used JQuery libraries for all client side JavaScript manipulations. Exposure on Multi-Threading factory to distribute learning process back-testing and the 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. Lock mechanisms were implemented and the functionality of multithreading has been used. Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash. Experience in managing MongoDB environment from availability, performance and scalability perspectives. Wrote web pages in a combination of codes such as JQuery, AngularJS, JavaScript, HTML, CSS and Bootstrap. Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, OracleDB, PostgreSQL, and VMWare API calls. Extensively used python modules such as requests, urllib, urllib2 for web crawling. Implemented configuration changes for data models. Used Pandas library for statistics Analysis & Numpy for Numerical analysis. Managed large datasets using Panda data frames and MySQL. Handled potential points of failure through error handling and communication of failure. Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser. Responsible for user validations on client side as well as server side. Automated the existing scripts for performance calculations using Numpy and sqlalchemy. Interacted with QA to develop test plans from high-level design documentation. Environment: Python 2.7, Django 1.8, CSS, HTML, JavaScript, JQuery, webapp2, AJAX, MYSQL, Linux, Rest, Heroku, GIT, urllib, urllib2, OracleDB, UNIX, MongoDB, PostgreSQL, and VMWare API Jr. Python

Developer TJX - Marlborough, MA October 2010 to May 2011 Responsibilities: Design, develop, test, deploy and maintain the website. Developed entire frontend and backend modules using Python on Django Web Framework. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Designed and developed datacenter management system using MySQL. Rewrite existing Python/Django modules to deliver certain format of data. Used Django Database API's to access database objects. Python Wrote python scripts to parse XML documents and load the data in database. Generated property list for every application dynamically using python. Handled all the client side validation using JavaScript. Installation and setting up Python/Django/MySQL in AWS and EC2 cloud platform Creating unit test/regression test framework for working/new code. Using Subversion version control tool to coordinate team-development. Responsible for debugging and troubleshooting the web application. Environment. Python, MYSQL, Apache, CSS, git, DHTML, HTML, JavaScript, Shell Scripts. Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time. Additional Information TECHNICAL SKILLS: Programming Languages Python 3.3/2.7, Django 1.4/1.3, Flask, Java, C++, Shell Script, SQL, Java/J2EE, PyJamas, Jython, IronPython, Clery, Cpython, AngularJS, RabbitMQ, UNIX Web Technologies AJAX, JavaScript, HTML, DHTML, CASSANDRA XHTML, XML, JSON, JQuery, Angular Js. Database MySQL, PL/SQL, SQL Server, Oracle 11g. Operating systems Windows XP, Win 7, 8.1, 10, Linux, OS X. Methodologies Agile, V Model, Waterfall, Hybrid.

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