

Python Developer Python Developer Python Developer Richmond, VA      Around 4 years of experience as a Web/Application Developer and coding with analytical programming using Python, Django, C++.      Experience of software development in Python (libraries used: libraries- Beautiful Soup, numpy, scipy, matplotlib, python-twitter, Pandas dataframe, networkx, urllib2, MySQLdb for database connectivity) and IDEs - sublime text, Spyder, pycharm, emacs.      Experience object oriented programming (OOP) concepts using Python, Django and Linux.      Experienced in developing web-based applications using Python, Django, PHP, C++, XML, CSS 5, HTML, DHTML, JavaScript and JQuery.      Experienced in installing, configuring, modifying, testing and deploying applications with Apache.      Experience in using Microsoft Visual SourceSafe, SVN for Version Controlling.      Proficient in Front end development experience using HTML, XML, CSS 5, JQuery, JSON and Javascript, CSS 5, Bootstrap.      Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.      Hands on working with Python 2.7.10, SVN, Git, JIRA, Bugzilla, Axosoft, Amazon EC2/S3.      Proficient in SQL databases MS SQL, MySQL, Oracle and no-SQL databases MongoDB, Cassandra.      Experienced in developing Web Services with Python programming language.      Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database.      Experience in developing web-based applications using Python 2.7/2.6, Django 1.4/1.3, PHP, Angular JS, C++, XML, CSS, HTML, DHTML, JavaScript and JQuery.      Knowledge of the Software Development Life Cycle (SDLC), Agile and Waterfall Methodologies.      Expertize in designing, developing middleware components for software in C/C++ using STL, multithreading, data structures, and design patterns.      Well versed in writing unit test cases and selenium test cases.      Understanding of Python best Practices (PEP-8) Wrote AJAX framework to transform Datasets and Datatables into HTTP-serializable JSON strings.      Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers.      Extensively used UNIX shell Scripts for automating batch programs.      Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL database.      Expertise in client scripting language and server side scripting languages like JavaScript, JQuery,

JSON, DOJO, bootstrap, Node.js, Angular.js, backbone.js, Require.js. Excellent experience with Python development under Linux OS (Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora) Worked on Celery Task queue and service broker using RabbitMQ. Experience with Jsp Servlets, Web Services (SOAP, REST) and Tomcat. Work Experience Python Developer Capital One Bank - Richmond, VA September 2014 to Present Roles and Responsibilities Experienced in Agile Methodologies and SCRUM Process. Develop programs to automate the testing of RAID controller firmware and utilities using Python 2.7, Java, Bash script, Windows command line, AutoIt, AutoHotKey. Used Pandas library for statistical Analysis. Worked on JavaScript MVC Framework like Angular.JS. Worked on Python Open stack API's. Created entire application using Python, Django, MySQL and Linux. Worked with Open stack Command-line client Created backend database T-SQL stored procedures and Jasper Reports. Created a Git repository and added the project to GitHub. Utilize PyUnit, the Python unit test framework, for all Python applications. Exported/Imported data between different data sources using SQL Server Management Studio Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Python Developer Motorola Mobility - Sunnyvale, CA March 2013 to August 2014 Responsibilities: Participated in the complete SDLC process and used PHP to develop website functionality. Coding in LAMP (Linux, Apache, MySQL, and PHP) environment. Developed GUI HTML, XHTML, AJAX, CSS 5 and JavaScript (jQuery) Worked mainly on Core Java, C++, STL, data structures, UNIX, multithreading. Built application logic using Python2.7. Used Apache Couchdb (NoSQL) in AWS Linux instance in parallel to RDS MySQL to store and analyze job market info. Developed the required XML Schema documents and implemented the framework for parsing XML documents. Involved in Unit testing and Integration testing. Developed ColdFusion Components, custom tags and modified CF Objects. Wrote AJAX framework to transform Datasets and Datatables into HTTP-serializable JSON strings. Used the Django Framework to develop the application. Used Django APIs for database access. UIS system design ( Python Object Oriented Design approach, developing

various modules/packages/utilities, e.g.: Cryptography - Encryption/Hashing, Foundation Utilities, Persona management, error/exception management etc.) Used python to extract weekly hotel availability information from XML files. Used WebServices to get travel destination data and rates.

Participated in requirement gathering and worked closely with the architect in designing and modeling. Issues pertaining to Realtime data being read from RabbitMQ into Postgres and Cassandra. Performed Design and Code reviews. Worked on development of SQL and stored procedures on MYSQL. Developed shopping cart for Library and integrated web services to access the payment (E-commerce) Used python modules such as requests, urllib, urllib2 for web crawling. Python Developer Cloud Sherpas - Atlanta, GA September 2011 to February 2013 Roles and Responsibilities Used HTML/CSS and Javascript for UI development. Converted Visual basic Application to Python, MSQL. Used Python scripts to update content in the database and manipulate files. Created Reports using JASPER. Created data access using SQL and PL/SQL stored procedures. Worked extensively on Multithreading and Concurrency for implementing Batch Job Scheduling. Deployment and testing of the applications. Used HTML, CSS 5, JQuery, JSON and Javascript for front end applications. Managed our servers in development, testing, certification and production. Used Linux profiler Valgrind for optimization of code. Automated RabbitMQ cluster installations and configuration using Python/Bash. Worked wResponsible for development and enhancements of all the modules of raildocs and have them running ith the design team for project structure. Implemented the presentation layer with HTML, DHTML, Ajax, CSS and JavaScript. Implemented locking mechanisms using multi threading functionality. Used Python, Perl, CGI, JQuery, JavaScript and JSON at the front end. Developed in Windows and going to deploy it in Linux server. Worked on data exchange from website using XML, JAVA and Web Services. Used Python scripts to update content in the database and manipulate files. Generated Python Django Forms to record data of online users Additional Information TECHNICAL SKILLS Programming Languages Python, Java, SQL, pl/sql Web Technologies JavaScript, Angular.JS, Node.JS JQuery, Ajax, Swing, XML, and REST API's. Web Design HTML5, XML, CSS3, JSP, Servlets, Bootstrap. Databases Sqlite3, MongoDB, Cassandra, Oracle11g Source

version Control: GITHUB, SVN, Test Frameworks Django Operating Systems Windows,  
Windows Server, Linux & Unix. Version Control Tools Git, Github, SVN, VSS Bug Tracking  
Tools: Jira, Bugzilla, Rational Clear-quest Python Libraries: Pandas, Numpy, UnitTest, JSON,  
CSV, XML, XLS

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