

Python Developer Python Developer Python Developer - Leidos Oakland, CA Around 7 years of experience as a Web/Application Developer and coding with analytical programming using Python, Django. Experienced with full software development life-cycle, architecting scalable platforms, object oriented programming, database design and agile methodologies Experienced in MVC frameworks like Django, Angular JS, Java Script, JQuery and Node.js. Expert knowledge of and experience in Object oriented Design and Programming concepts. Experience object oriented programming (OOP) concepts using Python, C++ and PHP. Experienced in WAMP (Windows, Apache, MYSQL and Python/PHP) and LAMP (Linux, Apache, MySQL and Python/PHP) Architecture. Experienced in developing web-based applications using Python, Django, PHP, XML, CSS, HTML, JavaScript and JQuery. Experienced in installing, configuring, modifying, testing and deploying applications with Apache. Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript. Familiar with JSON based REST Web services and Amazon Web services. 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. Worked in agile and waterfall methodologies with high quality deliverables delivered on-time. Maintained detailed documentation and architectural solutions in IT infrastructure and sales systems. Very strong full life cycle application development experience. Experience with continuous integration and automation using Jenkins Experience with Unit testing/ Test driven Development (TDD), Load Testing. Created video publishing toolkit using Word press (PHP/MySQL) and JavaScript to allow easy uploading of video by non-technical content mangers. Developed a data migration feature using GZ File Compression and AES 256 encryption. Developed the required XML Schema documents and implemented the framework for parsing XML documents. Involved in Unit testing and Integration testing Extensive use of Linux (Ubuntu), SSH, Flask/Django Developed ColdFusion Components, custom tags and modified CF Objects. Worked on AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings. Work Experience Python Developer Leidos - Oakland, CA April 2015 to Present

Responsibilities: Designed the front end of the application using Python, HTML, CSS, AJAX, JSON and JQuery. Worked on backend of the application. Used the Django Framework to develop the application. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Used JavaScript and JSON to update a portion of a webpage. Develop consumer based features and applications using Python, Django, HTML, Behavior Driven Development (BDD) and pair based programming. Rewrite existing Python/Django modules to deliver certain format of data. Responsible for debugging the project monitored on JIRA (Agile) Wrote Python scripts to parse JSON documents and load the data in database. Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content. Implemented web applications in Flask frame works following MVC architecture. Worked on front end frame works like CSS Bootstrap for development of Web applications. Involved in deployment of project using AWS. Special skills in developing user friendly, simple yet effective web based applications. Deployed the project into Heroku using GIT version control system. Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization. Used many regular expressions in order to match the pattern with the existing one. Build SQL queries for performing various CRUD operations like create, update, read and delete. Skilled in using Collections in Python for manipulating and looping through different user defined objects. Performed Unit testing, Integration Testing, web application testing. Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Worked in development of applications especially in UNIX environment and familiar with all of its commands.

Environment: Python 2.7, Django 1.4, HTML5, CSS, XML, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, CSS Bootstrap, Mongo DB, MS SQL Server, T-SQL, JavaScript, Eclipse, Git, GitHub, AWS, Linux, Shell Scripting. Python Developer Capital One - McLean, VA November 2013 to April 2015 Responsibilities: Developed web applications in Django Framework's model view control (MVC) architecture. Exposure on Multi-Threading factory to distribute learning process back-testing and 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      Different testing methodologies like unit testing, Integration testing, web application testing      Developed test scripts for automation with Selenium.

Python/Django based web application, Postgre sql DB, and integrations with 3rd party email, messaging, storage services.      Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash      Design and implemented custom scripts.      Extensive use of version controller Team Foundation Server (TFS) Tested and validated the custom scripts.      Delivered automated solutions for science models

Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL, and VMWare API calls.      Implemented configuration changes for data models.      Maintained and updated existing automated solutions      Handled potential points of failure through error handling and communication of failure      Risk analysis for potential points of failure (database, communication points, file system errors)      Troubleshoot the process execution and worked with other team members to correct them.      Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.

Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team      Used Pandas library for statistics Analysis.      Managed large datasets using Panda data frames and MySQL.      Extensively used python modules such as requests, urllib, urllib 2 for web crawling.

Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser.      Developed the required XML Schema documents and implemented the framework for parsing XML documents.      Responsible for user validations on client side as well as server side.      Interacted with QA to develop test plans from high-level design documentation      Environment: Python 2.7, Django, HTML5/CSS, MS SQL Server 2013, MySQL, Script, Eclipse, Linux, Shell Scripting, JQuery, GitHub, Angular.JS, Jira Python Developer Alert

Enterprises - Fremont, CA June 2012 to October 2013 Responsibilities:      Designed front end and backend of the application using Python on Django Web Framework      Used HTML, CSS, AJAX,

JSON designed and developed the user interface of the website. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Used Script and JSON to update a portion of a webpage. Develop consumer based features and applications using Python, Django, HTML and Test Driven Development (TDD) Rewrite existing Python/Django modules to deliver certain format of data. Responsible for tracking and monitoring project status in JIRA (Agile) Developed Python web services for processing JSON and interfacing with the Data layer. Worked on deployment of project on to Amazon S3. Used GIT version control and deployed project to Heroku Worked on development of SQL and stored procedures for normalization and renormalization in MYSQL. Build SQL queries for performing various CRUD operations like create, update, read and delete. Skilled in using Collections in Python for manipulating and looping through different user defined objects. Engaged in Design, Development, Deployment, Testing, Implementation of the application. Worked in development of applications especially in UNIX environment and familiar with all of its commands. Environment: Python 2.7, Django 1.4, HTML5, CSS, XML, MySQL, Script, C++, Angular JS, Backbone JS, JQuery, CSS Bootstrap, Mongo DB, MS SQL Server, T-SQL, Script, Eclipse, Git, GitHub, AWS, Linux, Shell Scripting. Python developer Vertical Ops, UT October 2011 to May 2012 Responsibilities: Analysis and Design of application. Created UI using Java script and HTML5/CSS. Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript. Implemented business logic using Python/Django. Created backend database T-SQL stored procedures and Jasper Reports. Worked with millions of database records on a daily basis, finding common errors and bad data patterns and fixing them. Exported/Imported data between different data sources using SQL Server Management Studio. Maintained program libraries, users' manuals and technical documentation. Managed large datasets using Panda data frames and MySQL. Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package. Carried out various mathematical operations for calculation purpose using python libraries. Built various graphs for business decision-making using Python mat plotlib library. Fetched twitter feeds for certain important keyword using

python-twitter library. Used Python library BeautifulSoup for web scrapping.ss. Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team. Implement code in python to retrieve and manipulate data. Created most important Business Rules which are useful for the scope of project and needs of customers Build SQL queries for performing various CRUD operations like create, update, read and delete. Environment: Python 2.7, Django, HTML5/CSS, MS SQL Server 2013, T-SQL, Jasper Reports, JavaScript, Eclipse, Linux, Shell Scripting. Python Developer Beckton Dickinson - Hyderabad, Andhra Pradesh August 2008 to September 2011

Responsibilities: Involved in the Design, development, test, deploy and maintenance of the website. UI was developed using HTML, AJAX, CSS and Script. Developed entire frontend and backend modules using Python on Django Web Framework. Generated property list for every application dynamically using Python ' Developed Merge jobs in Python to extract and load data into MySQL database. Designed and developed the presentation layer/client end using HTML, XML, DHTML and JSP. Handled all the client side validation using Script. Wrote validation scripts in SQL to validate data loading. Use Git for version control. Performed Unit and system testing. Trained users and did production support. Environment: Python, Django, MySQL, HTML, XHTML, CSS, AJAX, Script, Apache Web Server, Git, Linux. Education Bachelors in Computer Science Kakatiya University 2004 to 2008 Additional Information Technical Skills: Frameworks Django, web2py, Flask, Struts, pylons and CSS Bootstrap Web Technologies HTML, CSS, DOM, SAX, Java Script, JQuery, AJAX, XML, Angular JS Programming Languages Python, Java, SQL and PL/SQL. J2EE Technologies JSP, Java Servlets, JDBC and JMS. Version Control Git (GitHub), SVN, CVS Application servers Apache Tomcat, Nginx, JBoss, WebLogic, WebSphere Databases Oracle (9i, 10g, 11g), MySQL, PostgreSQL, MongoDB IDE's/ Development Tools NetBeans, Eclipse, PyCharm, and Sublime Text. Web Services AWS, Rackspace Cloud, Amazon S3 Operating Systems Windows, Red hat Linux, MAC OSX. Protocols TCP/IP, HTTP/HTTPS, SOAP, SMTP Deployment Tools Heroku, Jenkins. Tracking Tools Bugzilla and JIRA.

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