

Python Developer Python Developer Python Developer - Progressive Insurance Chandler, AZ Over 5+ 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. Good knowledge in various stages of SDLC (Software Development Life Cycle), Software Testing Life Cycle (STLC) and QA methodologies from project definition to post-deployment documentation. Strong 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. Expert in Enhancement, Support and Implementation of various web, stand-alone, client-server enterprise applications using Python and Django. Handy experience in developing Web-Applications implementing Model View Control architecture using Django and Flask frameworks. Experienced in developing web-based applications using Python, Django, MVC3, Bootstrap, HTML and Angular.js. Good experience with Python frameworks like Flask and WebApp2. Experienced in developing Web Services with Python programming language. Experience in Amazon AWS Cloud platform and its features. Experience in developing web services (WSDL, SOAP and REST) and consuming web services with Python programming language. Experienced in working on Application Servers like WebSphere, WebLogic, Tomcat, Web Servers like Apache server, NGINX and Integrated Development Environments like PyCharm, Eclipse, MyEclipse, JDeveloper and RAD. Experience in managing datasets using Panda data frames and MySQL. Experience implementing Object Oriented Python, Hash Tables (Dictionaries) and Multithreading, Django, MYSQL. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database. Proficient in SQL databases MS SQL, MySQL, Oracle and no-SQL databases MongoDB and Cassandra. 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. Excellent working knowledge in UNIX and Linux shell environments using command line utilities. Ability to learn and adapt quickly to the emerging new technologies and paradigms. Excellent communication,

interpersonal and analytical skills and a highly motivated team player with the ability to work independently. Authorized to work in the US for any employer Work Experience Python Developer Progressive Insurance - Cleveland, OH January 2018 to Present Responsibilities: Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. Responsible for gathering requirements, system analysis, design, development, testing and deployment. Generated Python Django Forms to Record data of users. Utilize PyUnit, the Python unit test framework, for all Python applications. Rewrite existing Java application in Python module to deliver certain format of data. Developed Python batch processors to consume and produce various feeds. Worked on developing internal testing tools which were written in Python. Generated Python Django Forms to record data of online users. Wrote Python routines to log into the websites and fetch data for selected options. Developed entire frontend and backend modules using Python on Django Web Framework. Developed Business Logic using Python on Django Web Framework. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Used PyQuery for selecting particular DOM elements when parsing HTML. Used Wireshark, live http headers, and Fiddler2 debugging proxy to debug the Flash object and help the developer create a functional component. Used Jenkins for continuous integration services. Used Pandas library for statistical Analysis. Used the Django Framework to develop the application. Build all database mapping classes using Django models. Worked with JSON based REST Web services and Amazon Web services (AWS).

Involved in AJAX driven application by invoking web services/API and parsing the JSON response. Developed internal auxiliary web apps using Python Flask framework with Angular.js and Bootstrap CSS / HTML framework. Set up rules and policies with a Node.js/ Python back end.

Developed complex web, middleware, and back end systems in Python, SQL and Perl for Linux and Windows. Created a Git repository and added the project to GitHub. Utilized Agile process and JIRA issue management to track sprint cycles. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Environment: Python 3.x, Java, PyUnit, Pandas, HTML, DHTML, AJAX, CSS, JavaScript, Django, Jenkins, Amazon Web

Services (AWS), JSON, REST, Angular.js, Bootstrap, Node.js, Git, JIRA, Perl, SQL, Agile, windows and Linux. Python Developer Grand Bank of Texas - Austin, TX June 2016 to December 2017

Responsibilities: Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. Performed testing using Django's Test Module.

Designed and managed API system deployment using fast http server and Amazon AWS architecture

Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Worked on Python Open stack API's. Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.

Developed Business Logic using Python on Django Web Framework. Carried out various mathematical operations for calculation purpose using python libraries. Involved in building database Model, APIs and Views utilizing Python in order to build an interactive web based solution.

Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.

Managed large datasets using Panda data frames and MySQL. Worked with JSON based REST Web services. Creating unit test/regression test framework for working/new code. Using Subversion version control tool to coordinate team-development. Developed SQL Queries, Stored Procedures, and Triggers Using Oracle, SQL and PL/SQL. Used GitHub for version control.

Created PyUnit test cases for unit testing. Utilized Agile process and JIRA issue management to track sprint cycles. Managed large datasets using Panda data frames and MySQL. Supported user groups by handling target-related software issues/service requests, identifying/fixing bugs.

Used data types like dictionaries, tuples and object oriented concepts based inheritance features for making complex algorithms of networks. Environment: Python 3.x, Django, JavaScript, JQuery, JSON, DOJO, Bootstrap, Node.js, Angular.js, HTML, DHTML, AJAX, CSS, Open Stack API, Panda, ANT, Jenkins, Rake, JIRA, Agile, SQL, Windows. Python Developer Cigna Health Care - Denver, CO December 2014 to May 2016

Responsibilities: Built a GC analytic tool using Python, to help clients analyze data and profile risk against a wide spectrum of reinsurance options. Developed custom reports using HTML, Python and MySQL. Developed monitoring and notification tools using Python. Documented the revised workflow using confluence wiki. Created Data tables

utilizing PyQt to display customer and policy information and add, delete, update customer records.

Developed views and templates with Python and Django's view controller and templating language to create user-friendly website interface. Used Python based GUI components for the front end functionality such as selection criteria. Key performance index and filtering of displayed columns to help customers understand the analytics data that is provided by GC. Implemented navigation rules for the application and page outcomes, written controllers using annotations. Written queries in MySQL and Native SQL. Created PyUnit test cases for unit testing. Worked with JSON based REST Web services and Amazon Web services (AWS). Added the navigations and paginations and filtering columns and adding and removing the desired columns for view. Used GitHub for version control. Used PyQuery for selecting particular DOM elements when parsing HTML. Worked in an agile development environment. Environment: Python, PyQt, PyQuery, MySQL, HTML, CSS, JavaScript, DOM, Ajax, AWS, JSON, agile, Web Services (SOAP), XML, PL/SQL, and Oracle SQL Developer.

Python Developer Sunmax Systems Pvt Ltd September 2013 to November 2014 Responsibilities: Involved in the Design, development, test, deploy and maintenance of the website. UI was developed using HTML, AJAX, CSS and JavaScript. Developed entire frontend and backend modules using Python on Django Web Framework. Developed application for Google Analytics aggregation and reporting. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, JQuery, and JavaScript. Responsible for debugging the project monitored on JIRA (Agile). Developed Python batch processors to consume and produce various feeds. Generated PDF daily and Monthly statements using Aspose PDF Kit. Developed internal auxiliary web apps using Python Flask framework with CSS/HTML framework. Implemented Test Driven Development (TDD) strategy for the project. Designed and developed Use-Case Diagrams, Class Diagrams, and Object Diagrams using UML Rational Rose for OOA/OOD techniques. Using Subversion version control tool to coordinate team-development. Generated property list for every application dynamically using Python. Responsible for search engine optimization to improve the visibility of the website. Wrote validation scripts in SQL to validate data loading. Created a Git repository and added the project to GitHub. Trained users and did production support.

Environment: Python, Django, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Apache Web Server, Git, Linux. Education Master's Additional Information Technical Skills: Languages Python, C++, Java, Shell Script, Perl, SQL, PHP Python Framework Flask/Django, Angular JS, Java Script, JQuery and Node.js. Databases MS SQL, MySQL, Oracle Web Technologies XML, CSS, HTML, DHTML, JavaScript, JQuery, MVC3, Bootstrap, RESTful, AJAX Web Services SOAP, REST Methodologies Agile, Scrum Operating Systems Window, UNIX, Linux

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