

Sr. Python Developer Sr. Python Developer Sr. Python Developer - GOGO Aviation Broomfield, CO

? I have 9 years of experience as a Web/Application Developer and coding with analytical programming using Python. ? Experience in analysis, design, and development, testing, implementation and maintenance of various web applications using Python and Django. ? Experience with Django and Flask a high-level Python Web framework. ? Experienced with full Software Development Life-Cycle (SDLC), architecting scalable platforms, Object Oriented Programming, Database Design and Agile Methodologies. ? Experience with Requests, Numpy, Scipy, Matplotlib, and Pandas python libraries during development lifecycle. ? Experience with automation/configuration management using tools like Ansible, Puppet, Chef and SaltStack. ? Knowledge on Open Stack Environment Implementation and the architecture using API to integrate between multiple utilities (storage, Monitoring, computing, Authentication & Authorization. ? Experience working with notebook technologies like Jupyter and open Source distribution Anaconda. ? Worked with python libraries from Python Package Index (PyPI). ? Experience with Jenkins and Enterprise GitHub. Worked on Jenkins continuous integration tool for deployment of project. ? Good Experience in Tableau Analytics. Build Dashboards for clients using Tableau. ? Experience in end to end design and deploy rich Graphic visualizations with Drill Down and Drop down menu option and Parameterized using Tableau. ? Worked on Loading and transforming large sets of structured, semi structured and unstructured data using Hadoop, Bigdata concepts. ? Proficient in SQL databases MSSQL Server, MySQL (RDBMS), Oracle DB, Postgres and MongoDB. ? Working experience on JSON based REST Web services and Amazon Web Services (AWS) Such as EC2, Lambda, ELB, SQS (Queuing Services), VPC and cloud watch. ? Working knowledge on Kubernetes to deploy scale, load balance, and manage Docker containers with multiple namespace versions. ? Having experienced in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL, PL/SQL and PostgreSQL database. ? Basic understanding of protocols/technologies like HTTP, LDAP, JDBC, SSL, Servlet/JSP, SQL, HTML, XML ? Knowledge in Data mining and Data warehousing using ETL Tools and Proficient in Building reports and dashboards in Tableau (BI Tool). ? Excellent Interpersonal and communication skills,

efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment. ? Experience in implementing PEP8 coding standards. ? Familiar with Agile and Waterfall development methodologies. Followed Agile Methodologies (Scrum) involved in daily stand-up meetings. ? Hands on experience with Agile project management tools such as JIRA, Version One ? Installed, setup, and configured Cisco switches for TCP/IP intra-network and wireless access point across the network for the local area network and Wi-Fi. ? Experienced in working with different operating systems like Windows, Ubuntu Linux and UNIX. Authorized to work in the US for any employer Work Experience Sr. Python Developer GOGO Aviation - Broomfield, CO April 2017 to Present Responsibilities: ? Responsible for gathering requirements, system analysis, design, development, testing and deployment. ? Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators, and production to ensure production deadlines are met. ? 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 Django Database API's to access database objects. ? Used JQuery and Ajax calls for transmitting JSON data objects between frontend and controllers. ? Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. ? Used Python based GUI components for the front end functionality such as selection criteria. ? Created test harness to enable comprehensive testing utilizing Python. ? Used Amazon Web Services (AWS) for improved efficiency of storage and fast access. ? Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. ? Involved in front end and utilized Bootstrap and Angular.js for page design. ? 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. ? Used Pandas API to put the data as time series and tabular format for easy timestamp data manipulation and retrieval. ? Created Business Logic using Python to create Planning and Tracking functions. ? Created UI Screens for initiation and validation. ? Worked on UI using HTML5, CSS3 and Java Scripts. ? Developed multi-threaded

standalone app in Python and PHP to view performance. ? Used Pandas library for statistical Analysis. ? Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. ? Working in team of Architects and Developers to build and deploy Python Flask Peewee Linux AWS. ? Version control using GITHub. ? Involved in writing stored procedures using MySQL.

? Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Environment: Python 3.5/2.7, Django, AWS, Java, API, Flask, Numpy, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Wireshark, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Angular.js, Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX. Python Developer Shire - Lexington, MA December 2014 to April 2017 Responsibilities: ? Developed data analytic tools using Python Pandas, and visualizations using Matplotlib and Bokeh. ? Worked on CRUD permissions using MySQL and presented them with the beautiful wxPython widgets. ? Created new PL/SQL stored procedures for new Oracle Forms and Reports development. ? Worked on various Integrated Development Environments like PyCharm, Anaconda Spyder. ? Automated the existing scripts for performance calculations using NumPy, SciPy and SQL alchemy. ? Created Restful micro services utilizing Flask and Django and sent on AWS servers utilizing EBS and EC2. ? 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. ? Rewrote existing Python/Django modules to deliver certain format of data. ? Wrote python scripts to parse XML/QML documents and load the data in database. ? Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio, PyDev, Sublime text. ? Developed Web based Dynamic Form Builder using HTML, CSS, and JavaScript Object-to-XML. ? Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content. ? Used Spark for interactive queries, processing of streaming data and integration with popular NoSQL database for huge volume of data. ? Involved in converting Hive/SQL queries into Spark transformations using Spark RDD, and Python. ? Worked on the MySQL migration project to make the system completely independent of the database being used. ? Migration of data validation code from the legacy mainframe systems to ETL framework using informatica workflows and shell

scripts. ? Developed stored procedures, functions and packages for ETL Development. ? Performed the performance evaluation of the ETL for full load cycle. ? Critiqued the source data coming from different sources (Oracle, DB2, XML, Flat files) and worked on developing ETL mappings. ? Used testing like JIRA for bug tracking. ? Created Oracle database tables, stored procedures, sequences, triggers, views. ? Implemented REST APIs using Python and Django framework. ? Created a Rich Single Page Application using HTML, CSS, JSP, JSON, Angular, Node.js, bootstrap.js, backbone.js. ? Developed web-based applications using Python, Django, XML, CSS, HTML, JavaScript, AngularJS and jQuery. ? Use of Agile Rally for project management like project iteration etc. ? Used Agile rally for scheduling release and other QA activates. ? Developed views and templates with Python and Django's view controller and templating language to created user-friendly website interface. ? Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records. ? Created and deployed web pages using HTML, JSP, JavaScript and CSS. Environment: Python 2.7, Django, HTML, CSS, XML,QML, JavaScript, GO Lang, AJAX, Webserver, wxPython , matplotlib, NumPy , PyDev, PostgreSQL, Apache, Bootstrap, Flask, Oracle, PL/SQL, MySQL, MS-Sql , Web Services, SOAP, REST, PyCharm, Windows, Linux. Python Developer BNY MELLON - New York, NY September 2012 to December 2014 Responsibilities: ? Developed Views and Templates with Django view controller and template language to create a user-friendly website interface. ? Configured the Django admin site, dashboard and created a custom Django dashboard for end users with custom look and feel. Used Django APIs for database access. ? Implemented MVC architecture in developing the web application with the help of Django framework. ? Used Python and Django for XML, JSON processing, data exchange and business logic implementation. ? Built database Model, Views and API's using Python for interactive web based solutions. ? Used Python scripts to update the content in database and manipulate files. ? Created UI using JavaScript, Perl and HTML5. Designed and developed data management system using MySQL. ? Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization. ? Generated Python Django Forms to record data of online users. ? Used Python and Django

creating graphics, XML processing, data exchange and business logic implementation. ? Used Pandas API to put the data as time series and tabular format for fast timestamp data manipulation and retrieval. ? Worked on Jenkins continuous integration tool for deployment of project. ? Played a key role in a development wide transition from Subversion to Git, which resulted in increase in efficiency for the development community. ? Worked on developing internal testing tools which were written in Python. ? Worked on Libraries like Pandas for data manipulation and analysis. ? Developed most of the application part in Linux environment and very much familiar with all its commands. ? Used Tkinter to implement GUI for the user to create, modify and view reports based on client data. ? Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. ? Implemented RESTful Web-Services for sending and receiving the data between multiple systems. ? Used Python Library BeautifulSoup for web Scrapping. ? Responsible for debugging and troubleshooting the web application. ? Developed, tested and debugged software tools utilized by clients and internal customers. ? Coded test programs and evaluated existing engineering processes. Environment: Linux, Python, Django, Ansible, HTML, XML, JavaScript, AngularJs, JQuery, MS SQL Server, Amazon s3, Jenkins, Mongo DB, Hadoop BeautifulSoup, Perl, Pandas, Matlab, Eclipse, Kafka Git, GitHub, JIRA. Python Developer AgFirst Farm Credit Bank - Columbia, SC May 2010 to September 2012 Responsibilities: ? 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. ? Thorough knowledge in various front end tools like HTML, CSS, JavaScript, XML, JQuery, Angular JS, and AJAX. Managed large datasets using Panda data frames and MySQL. ? Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits. ? Built various graphs for business decision-making using Python matplotlib library. ? Fetched twitter feeds for certain important keyword using python-twitter library. ? Used Python library BeautifulSoup for webscrapping. ? Formulating the ETL mappings to implement the business logic. Used transformations like lookup, update strategy, expression, filter, router, aggregate, source Qualifier. ?

Exposure about ETL batch and the concept of data warehousing. ? Have extensively worked on creating different kinds of maps, graphs etc for analysis of data in Tableau. ? Have experience working on creating calculated fields by joining different kinds of data sets from different data sources in Tableau. ? Designed Tableau Dashboards templates for market reports by Tableau dashboards and pivot tables. ? Created reports in tableau for visualization of the data sets created and tested Impala Connectors. ? Worked on HDFS to store and access huge datasets within Hadoop. ? Developed different kind of custom filters and handled pre-defined filters on HBase data using API. ? Developed user interface solutions using a Django web framework. Used Python scripts to update content in the database and manipulate files. ? Involved in building database Model, APIs, and Views utilizing Python technologies to build web based applications. ? Developed interfaces using JavaScript, HTML technologies for several web applications to fetch and graphically present required data from database. ? Involved in the complete Software Development life cycle (SDLC) to develop application. ? Developed user interface of the web application using HTML, CSS3, and Bootstrap. Wrote custom user defined functions in JavaScript to validate application functionalities/features. ? Responsible for writing OOP code in Python for server side scripting. ? Wrote code to support model-view-controller (MVC) pattern of Python Django framework in developing several modules for the application. Environment: HTML, CSS, JavaScript, MySQL, Agile methodology, HTML, Django, bootstrap, JQuery, XML, pandas SQL programming, Tableau, Hadoop, Python programming, and R Programming. Education Bachelor's

Name: Suzanne Warren

Email: robertdavis@example.org

Phone: 216.814.4642x8129