

Sr. Python Developer Sr. Python Developer Sr. Python Developer - American Airlines Fort Worth, TX Around 5 years of experience in IT industry as PythonDeveloper in System Analysis, Design, Development, Implementation of various Client/Server, Web-based and Business applications. Experience in developing web-based applications using Python 3.3/2.7, Django 1.8/1.7/1.4/1.3. Developed web applications and RESTful web services and APIs using Python Flask, Django, Pyramid and PHP Experience in implementing with server side technologies with restful API and MVC design patterns with node JS and Django framework. Worked on object oriented programming concepts using Python and Django. Developed RESTful API's using Django REST Framework, consumed via Restangular, a 3rd party Angular.JS service. Experience in Implementation of MVC/ MVW architecture using Servlet, Django, and RESTful, SOAP web service and SOAPUI. Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio,PyDev, Eclipse, NetBeans, Sublime text, Spyder and emacs. Excellent experience with Python development under Linux OS (Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora). Implemented different python librariesBeautifulSoup, numpy, scipy, pytables, matplotlib, python-twitter, Pandas data frame and urllib2 in various tasks. Experienced in MVC frameworks like Django, Angular JS, Java Script, JQuery and Node.js. Expertise in designing rich Graphic User Interface(GUI) and frontend layouts on the web using CSS, HTML, XML, JavaScript, JSON, AJAX, XAML and JQuery, Bootstrap, Node.js, Angular.js, backbone.js. Proficient in developing multi-threaded web services using CherryPy&bottlePy framework. Leveraging queueing architectures with RabbitMQfor scalability, performance and building. Knowledge in working with continuous deployment using Heroku and Jenkins. Good experience in working with Amazon Web Services like EC2, Virtual private clouds (VPCs), Storage models (EBS, S3, instance storage), Elastic Load Balancers (ELBs) Expertise in developing applications using Java, J2EE Technologies (Servlets, JSP, Java Web Services, EJB, Struts), JDK, Java Applets, JDBC, XML, JavaScript, HTML, DHTML, CSS, SOAP. Experienced in NoSQL technologies like MongoDB, Apache Cassandra, Redis and relational databases like Oracle, SQLite, PostgreSQL and MySQL databases. Experienced in Agile, Waterfall Methodologies, Scrum stories and sprints experience

in a Python based environment, along with data analytics, data wrangling and Excel data extracts. Experience in designing the automation framework using Perl and Shell scripting. Experience with Version Control, ideally SVN, CVS, BitBucket and GIT. Experienced in Functional Services Testing, GUI Testing, Back-end Testing using SQL, Browser Compatibility Testing, Web Services Testing, System Testing and also profound knowledge in Test plans, Test Cases and Test Scripts. Experienced in Unit testing, Integration testing, User acceptance testing, Functional testing. Work Experience Sr. Python Developer American Airlines - Fort Worth, TX April 2016 to Present Responsibilities: Responsible for gathering requirements, system analysis, design, development, testing and deployment. Implemented Business logic in Back Office of Front Arena using Python 2.7 & Front Arena API. Front Arena is third party Application used by Cargill Risk Management, a financial division of Cargill that handles Front Office, Middle Office & Back Office. Worked closely with Business Users and GL Lead of Accounting as a developer in an Individual Project fulfilling their customized requirements. Worked on Giant Volumes of Data Sets i.e up to million day to day transactions of General Ledger for Analysis, Data Manipulation & Journal write back. Worked on Django API's for accessing the database. Developed Views and Templates with Python and using Django's view controller and template language, Website interface is created. Developed a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/JQuery and HighCharts for data visualization of the served pages. Designed and Developed User Interface using front-end technologies like HTML, CSS, JavaScript, JQuery, AngularJS, Bootstrap and JSON. Designed and maintained databases using Python and developed Python based API (RESTful Web Service) using Flask, SQLAlchemy and PostgreSQL. Used Python libraries like Numpy, Scipy and Pandas. Managed large datasets using Panda data frames which is a python Data Analysis Library and also using MySQL. Built various graphs for business decision making using Python matplotlib library. Used Python library BeautifulSoup for webScraping. Written internal Automated Python scripts for the Back Office that supports EOM processing in the Extension Manager of Front Arena. Excellent Experience and knowledge in using XML, SOAP, web Service for inter operable software applications. Implemented RESTful Web

Services for the data transportation between multiple systems. Developed API modularizing existing python module with the help of pyyaml libraries which is a YAML parser and emitter for Python. Build SQL queries for performing various CRUD operations includes create, read, update and delete operations. Followed PEP-8 Standards & used SONAR for writing quality code. Worked on Selenium testing framework. Performed Unit testing, Functional Testing, Integration Testing, and Performance Testing. Used Atlassian BitBucket for Version control. Worked on Jenkins continuous integration tool for deployment of project. Deployed the project into Jenkins using GIT version control system. Worked on dynamic Agile based environment with Daily Standups, Peer-Peer code reviews & three weeks sprint cycles. Documented the design solutions and created stories for client requirements. Environment: Python 2.7, Django 1.8, FLASK, MySQL, PostgreSQL, AJAX, SOAP, REST, JQuery, JavaScript, Bootstrap, PyCharm, PyDev, SONAR. Sr. Python Developer Celgene Corporation - Summit, NJ June 2015 to March 2016 Responsibilities: Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Refactor Python/Django modules to deliver certain format of data. Managed datasets using Panda data frames and MySQL, queried MySQL database queries from python using Python-MySQL connector and MySQLdb package to retrieve information. Utilized Python libraries wxPython, numPY, Twisted and matplotlib. Wrote Python scripts to parse XML documents and load the data in database. Used Wireshark, live http headers, and Fiddler2 debugging proxy to debug the Flash object and help the developer create a functional component. The PHP page for displaying the data uses AJAX to sort and display the data. The page also outputs data to .csv for viewing in Microsoft Excel. Parsers written in Python for extracting useful data from the design data base. Development of Python APIs to dump the array structures in the Processor at the failure point for debugging. Created Python and Bash tools to increase efficiency of call center application system and operations; data conversion scripts, AMQP/RabbitMQ, REST, JSON, and CRUD scripts for API Integration. Written functional phpunit test cases for DataLayer, and

Searchserver classes using Django, Curl, XML, JSON, REST base services, and MongoDB.

Creating restful web services for Catalog and Pricing with DjangoMVT, Jersey, MySQL, and MongoDB. Used Celery with RabbitMQ, MySQL, Django, and Flask to create a distributed worker framework. Representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs. Generated graphical reports using python package Numpy and matplotlib. Usage of advance features like pickle/unpickle in python for sharing the information across the applications.

Used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different requests from multiple browsers to web application. Created Data tables utilizing PyQtto display customer and policy information and add, delete, update customer records. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Used Python based GUI components for the front end functionality such as selection criteria. Administration of dedicated collocated RHEL 4 machine and configured complex Apache configuration files. Added support for Amazon AWSS3 and RDS to host static/media files and the database into AmazonCloud. Writing Python scripts with CloudFormation templates to automate installation of Autoscaling, EC2, VPC, and other services. 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.

Used third party JQuery based plug-ins like JQueryUI, Datatables etc. Heavily used JavaScript for Form Submit and other UI elements during development. Utilize in-depth knowledge of Technical experience in LAMP and other leading-edge products and technology in conjunction with industry and business skills to deliver solutions to customer. Representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs. Used REST and SOAPUI for testing webservice for server side changes. Environment: Python 3.4/2.7, Django 1.7, Flask, MongoDB, MySQL, AJAX, SOAP, REST, JQuery, JavaScript, Bootstrap, PyCharm, AWS (EC2, S3, RDS). Full Stack Python Developer AMWAY CORPORATION November 2013 to May 2015 Responsibilities:

Analyzed system requirements specifications and also in client interaction during requirements specifications. Designed the front end of the application using Python 2.7, HTML5, CSS, AJAX, JSON and JQuery. Worked on backend of the application, mainly using Active Records. Designed and developed communication between client and server using Secured Web services. Developed and tested many features for dashboard using Python, Java, Bootstrap, CSS, JavaScript and JQuery. Writing backend programming in Python. Used JavaScript and XML to update a portion of a webpage. Developed consumer based features and applications using Python and Django in test driven Development and pair based programming. Performed Unit testing, Integration Testing, GUI and web application testing using Rspec. Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML5, CSS, JavaScript and JQuery. Angular.js is used to build efficient backend for client web application. Worked on Jenkins continuous integration tool for deployment of project. Worked on changes to open stack and AWS to accommodate large-scale data center deployment. Implemented simulated top-down SOAP based Web Service to test the business logic for the rating calculation. Created interactive data charts on Customer portal web application using High charts JavaScript library with data coming from Apache Cassandra. Used Celery as task queue and RabbitMQ, Redis as messaging broker to execute asynchronous tasks. Worked on front end frameworks like CSS Bootstrap for development of Web application. Worked in MySQL database on simple queries and writing Stored Procedures for normalization. Deployed the project into Jenkins using GIT version control system. Learned to index and search/query large number of documents inside Elastic search. Used Amazon Cloud EC2 along with Amazon SQS to upload and retrieve project history. Created the environment specific settings for a new deployment and update the deployment specific conditional checks in code base to use specific checks. For the large data management used TFS and delivered reliable end product. Used advanced packages like Mock, patch and beautiful soup (b4) to perform unit testing. Worked on translation of web pages to different languages as per client requirements. Updated the client admin tool to have the new features like support for internalization, support for customer service and etc. Implemented

responsive vector maps and charts on web pages using the data from MongoDB. Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions. Manage, collaborate and coordinate the work of an offshore development team. Worked on rebranding the existing web pages to clients according to the type of deployment. Worked on updating the existing clip board to have the new features as per the client requirements. Used many regular expressions in order to match the pattern with the existing one. Skilled in using collections in Python for manipulating and looping through different user defined objects. Work with team of developers on python applications for RISK management. Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Improved code reuse and performance by making effective use of various design patterns. Documented the design solutions and created stories for client requirements. Environment: Python 2.7, Django 1.7, HTML5, CSS, XML, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, CSS Bootstrap, Puppet, MS SQL Server, Nginix server, Amazon s3, Jenkins, Mongo DB, Elastic search, T-SQL, Beautiful soup, TFS, nose, JavaScript, Eclipse, Git, GitHub, Linux, and MAC OSX.

Java / Python Developer STRATEOLOGY - Hyderabad, Telangana
June 2013 to August 2013

Responsibilities: Involved in Design and development of UI screens for Add and Update Lending Application using Struts frame work. Involved in developing the business components using JAVA and JDBC. Design and development of UI screens using JSP. Managing, training and coordinating the team. Developed a new product for the unsecured loans featuring Term Business and personal loans. Developed and implemented the user registration and login feature for the application process from scratch by extending Django user model. Used Restful web service calls for the validation. Worked with AJAX framework to get the asynchronous response for the user request and used JavaScript for the validation. Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash. Implemented schema and data migration for the postgresdatabase using South migration tool. Developed user-friendly modals for the form submissions using simplemodal.js, JQuery, Ajax and JavaScript. Experience in building the war with help the putty and deployed into

cloud environment using the cloud controller and experience in solving the cloud issue. Worked closely with Client managers/Business Analysts of the bank to drive technical solutions, design and provide development estimates for schedule and effort. Worked very closely with product owners, project managers and vendors to satisfy all the business needs. Designed and developed the UI of the website using HTML, AJAX, CSS, JQuery and JavaScript. Used Django framework for database application development. Dynamic, hard-working, ability to work in-groups as well as independently with initiative to learn new technologies/tool quickly and emphasis on delivering quality services. Have strong ability to build productive relationships with peers, management, and clients using strong communication, interpersonal, organizational, and planning skills. Environment: Java, Python, Django, J2EE, JSP, Struts, Oracle, Eclipse, MySQL, Linux, HTML, CSS, AJAX, JavaScript Education Bachelor of Engineering in Electronics & Communication Engineering JNTU Skills AJAX (4 years), CSS (4 years), DJANGO (4 years), jQuery (4 years), MYSQL (4 years) Additional Information Technical Skills: Primary Languages Python, Java, C, C++ Python Libraries Beautiful Soup, numpy, scipy, matplotlib, python-twitter, Pandas data frame, urllib2, CSV Frameworks Bootstrap, Django, Node.JS, Flask, PyJamas, Pyramid, Hibernate Operating Systems Windows Vista/XP/7/8/10, Linux, Unix, Mac, Fedora Linux, Red hat Linux Databases Oracle 8i/9i/10g/11g, MySQL, Sqlite3, Cassandra, Redis and Mongo DB IDE's PyCharm, Eclipse, NetBeans, Sublime Text, MS Visual Studio, PyDev, RIDE Servers Apache Tomcat, WebSphere, JBoss, WebLogic, XAMPP Deployment tools MS Azure, Heroku, Jenkins, Amazon Web Services (EC2, S3, EBS, ELB, SES) Web Technologies HTML, CSS, DHTML, XML, Java Script, JQuery, AJAX Protocols TCP/IP, HTTP/HTTPS, REST, SOAP J2EE JDBC, JNDI, JSP and servlets Testing Tools Bugzilla, Jasmine, Pyunit, JIRA and Junit, zope, pytest, nose, Robot

Name: Edwin Brown

Email: jeffreyrussell@example.net

Phone: 603.222.0357x73721