

Python Developer Python Developer Python Developer - Frontier Communications Dallas, TX Work Experience Python Developer Frontier Communications - Norwalk, CT February 2015 to Present Worked with team of developers on Python applications for RISK management. . Used Pandas API to put the data as time series and tabular format for fast timestamp data manipulation and retrieval.

Implemented RESTful Web Services for the data transportation between multiple systems. Extensive code reviewing using GitHub pull requests, improved code quality, and also conducted meetings among peer. Sound technical background and experience in virtualization software (VMware vSphere, Hyper-V) and networking technology (TCP/IP, VLAN, VXLAN, NAT, VPN, IPv4/IPv6, LAN/WAN, Layer 2 - Layer 4 protocols) Install and Configure Linux with Apache, Oracle 8i and PHP (LAMP Project) Deployed the project into Heroku and also used Github version control system. Involved in building flexible UI, more user interactive and user-friendly web pages, reusable classes, functions using ASP.NET, C#, AJAX and JavaScript for client side validation. Develop features to integrate with technologies such as AWS, Azure, OpenStack, Puppet, and Chef

Automated RabbitMQ cluster installations and configuration using Python/Bash. Worked on Stack ZendPHP, Apache Web Server, SVN, Oracle, JavaScript, jQuery. Created Python and Bash tools to increase efficiency of application system and operations, data conversion scripts, AMQP/Rabbit MQ, REST, JSON, and CRUD scripts for API Integration. Designed, automated the process of installation and configuration of secure DataStax Enterprise Cassandra using chef.

Maintained code changes on SVN version control frequently. Created a Git repository and added the project to GitHub. Implemented the presentation layer with HTML, DHTML, Ajax, CSS and JavaScript. Designed and developed transactions and persistence layers to save/retrieve/modify data for application functionalities using Django, XML, PostgreSQL, SQL, Stored Procedures.

Developed Python/Django application for Google Analytics aggregation and reporting. Experience in project deployment using Heroku/Jenkins and using web services like Amazon Web Services (AWS) EC2 and AWS S3. Used SVN for version control. Manage deployment automation using Chef, MCollective, Custom Puppet modules. Checking ssh access, directory modes, Send mail settings, Puppet settings, /etc/ contents, etc.. Create and deploy Puppet modules. Worked on

JavaScript MVC Framework like Angular.JS Collaborated on an exploratory project for speech synthesis and recognition (relying on neural networks) using Linux machines and PERL scripting. Deployed the project into Jenkins using SVN version control system. Used the Node.js, Angular.js, Backbone.js and Require.js MVC frameworks in the development of web applications. Generated Python Django Forms to record data of online users. Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash. Implemented and enhanced CRUD operations for the applications using the MVC architecture of Django framework and also conducted code reviews. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Achieved modular (extensible) codebases through Angular.js based MVC architecture. Developed rich user interface using CSS, HTML, JavaScript and JQuery. Using MYSQL, a system of data management was designed and developed and queries were optimized in order to improve the performance. Used Python based GUI components for the front end functionality such as selection criteria. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, JQuery and JavaScript. Also used Bootstrap as a mechanism to manage and organize the html page layout. Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Written queries in MySQL and Native SQL. Worked in an agile development environment. Used GitHub for version control. 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. Environment: Python, Django, MySQL, GIT, Sublime Text, PIP, PEP8, Regex, RedisPerl, Bash, Node.js, Angular JS, HTML, CSS, JavaScript, JQuery, Hive, Spark, Linux, LAMP, , Django REST Framework, Agile, JSON, XML, AJAX Python Developer ELI LILLY - Indianapolis, IN April 2012 to January 2015 Implemented the application's front-end pages using HTML, CSS and JavaScript. Used Python, Perl, CGI, JQuery, JavaScript and JSON at the front end. Developed UI screens using HTML, CSS, AJAX, JavaScript and jQuery. Maintained the versions using GIT and sending the release

notes for each release. Automated data movements using python scripts. Involved in splitting, validating and processing of files. Design and Setting up of environment of MongoDB with shards and replica sets. (Dev/Test and Production) Developed web applications and RESTful web services and APIs using Python Flask, Django and PHP Designed Cassandra schema for the APIs. Automated to manage tens of thousands of VMs across multiple cloud platforms using puppet. Carried out various mathematical operations for calculation purpose using Python libraries numpy and Scipy. Developed Django, Python, Apache, bash scripting. Involved in creating Puppet modules using manifests. Uploading desired classes for the nodes (clients) Utilized continuous integration and automated deployments with Jenkins, Ansible and Docker. Implemented web applications in Flask and spring frameworks following MVC architecture. Worked on JavaScript MVC Framework like Angular.js Automated JIRA processes using python and bash scripts. Worked on HTML5, CSS3, JavaScript, Angular JS, Node.JS, Git, REST API, Mongo DB, IntelliJ IDEA. Updated pages using HTML, CSS in Angular.js framework. Private VPN using Ubuntu, Python, Django, CherryPy, Postgres, Redis, Bootstrap, JQuery, Mongo DB, Fabric, Git, Tenjin, Selenium, Sphinx, Nose. Worked with JSON based REST Web services. Written with object-oriented Python, Flask, SQL, BeautifulSoup, urllib2, Jinja2, HTML/CSS, Bootstrap, JQuery, Linux, Sublime Text, git. Applied Struts features like Tiles and Validation framework. Designed front-end using JSP, AJAX. Information extraction was done by using RESTful API. Used HTML, CSS, AJAX, JSON designed and developed the user interface of the website. To fetch data of definite options that are selected, Python routines were written to log into websites. Exposure on Multi-Threading factory to distribute learning process back-testing and the into various worker processes. Various static/media files along with database were hosted into Amazon cloud and support for Amazon AWS S3 and RDS was added. Participated actively in unit testing, integration testing and GUI. Python twitter library was used for fetching important keywords of twitter feeds. Was a part of troubleshooting, debugging the web application. Performance and consistency being the main factors of consideration, the code was tuned. Automated AWS S3 data upload / download using python scripts. Written shell scripting for

automation. Designed database schema design and defined relationships between tables. Used MVC framework to build modular & maintainable applications. Used Atlassian JIRA for tracking and updating the project issues. Environment: Python 2.7, Django 1.4, Puppet Rspec, Jenkins, Grafana/Graphite, MySQL, Linux, HTML, CSS, JQuery, JavaScript, Apache, Linux, Git. Python Developer CIT Group - New York, NY September 2010 to March 2012 Developed a MATLAB algorithm which determines an object's dimensions from digital images. Web-services backend development using Python (CherryPy, Django, SQL Alchemy) Designed the front end of the application using Python, HTML, CSS, AJAX, JSON and JQuery. Worked on resulting reports of the application and Tableau reports. Deployed the project into Heroku using GIT version control system. Developed approaches for improving NLP pipeline. Create custom VB scripts in repackaging applications as needed. NLP File Prep Settlement-Prepare files for review for Settlement. Held meetings with client and worked all alone for the entire project with limited help from the client. Participated in the complete SDLC process. Developed rich user interface using CSS, HTML, JavaScript and JQuery. Created a Python based GUI application For Freight Tracking and processing Used Django framework for application development. Developed and maintained various automated web tools for reducing manual effort and increasing efficiency of the Global Shipping Team. Created database using MySQL, wrote several queries to extract data from database. Setup automated cron jobs to upload data into database, generate graphs, bar charts, upload these charts to wiki and backup the database. Wrote scripts in Python for extracting data from HTML file. Effectively communicated with the external vendors to resolve queries. Used Perforce for the version control.

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