

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Cisco Portland, OR 5+ years of Professional IT experience in Analysis, Design, Development, Testing of Enterprise Applications and Database Development. Experienced with full software development life-cycle, architecting scalable platforms, object oriented programming, database design and agile methodologies Good experience of software development in Python (libraries used: numpy, scipy, matplotlib, python-twitter, Pandas dataframe, MySQL dB for database connectivity) and IDEs - sublime text, Spyder, pycharm. Experienced in Agile Methodologies, Scrum stories and waterfall models in a Python based environment, along with data analytics, data wrangling and Excel data extracts. Good experience in developing web applications implementing MVT/MVC architecture using Django, Flask, Webapp2 and spring web application frameworks. Expertise in creating Restful API in NodeJS and communicate with Clojure server via protocol and use Backbone to generate template. Expert knowledge of and experience in Object Oriented Design and Programming concepts. Experience in managing MongoDB environment from availability, performance and scalability perspectives. Experienced in developing web-based applications using Python, Django, PHP, C++, XML, CSS, HTML, DHTML, JavaScript and JQuery. Experience in using Eclipse, Pycharm, Visual Studio, and Sublime Text while developing different application in python. Experience in writing Subqueries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database Good Experience in Linux Bash scripting and following PEP Guidelines in Python. Familiar with JSON based REST Web services. Developed/supported application on LAMP stack (PHP, MYSQL and Apache) Experienced in installing, configuring, modifying, testing and deploying applications with Apache. Good knowledge of version control software - CVS, GitHub Front end development experience using HTML, CSS, JQuery and JavaScript. Ability to learn and adapt quickly to the emerging new technologies and paradigms. Experienced in WAMP (Windows, Apache, MYSQL, and Python/PHP) Architecture. Experience in Multi-Tier distributed Enterprise applications Working knowledge in multi-tiered distributed environment, OOAD concepts, good understanding of Software Development Lifecycle (SDLC) Excellent Experience of Databases such as MySQL, Microsoft SQL Server, PostgreSQL, SQL/PLSQL concepts

Continuously manages multiple deadlines and competing priorities through proactively planning and managing tasks and resources. Detailed oriented and resourceful in the completion of projects with an ability to multitask and meet strict deadlines. Willingness to work in a highly dynamic environment and ready to take up challenges. Authorized to work in the US for any employer

**Work Experience**

**Sr. Python Developer Cisco - San Diego, CA January 2017 to Present**

Design & development of DNA that provides an easy to use single dashboard for monitoring network health, identifying issue root causes, evaluating network configuration and remediating issues. I am part of NDP (Network Data Platform) team.

**Responsibilities:**

- Developed Python based API (RESTful Web Service) to track the events and perform analysis using Django.
- Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/jQuery and High Charts for data visualization of the served pages.
- Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
- Worked on writing and as well as read data from csv and excel file formats with Perl/ Python scripts.
- Used python libraries like Beautiful Soap, NumPy and SQL Alchemy.
- Build integration with many third parties, making heavy use of asynchronous processing with Celery and Rabbit MQ.
- Worked with routing protocols and hardware platforms utilizing TCP/IP, IP Routing, Metro Ethernet protocols, Cisco & Junos OS.
- Implemented Cloud Infrastructure as a Service environment using open source technology OpenStack to enable portability of cloud services across hybrid cloud environments.
- Worked with HTTP which is designed to permit intermediate network elements to improve or enable communications between clients and servers.
- Provided technical support on networking including port-forwarding, TCP/IP settings.
- Managed requirements and tasks using JIRA.
- Built web-services using SOAP that allowed integrating the business application with the legacy applications and facilitates for future applications.
- Involved in debugging the applications monitored on JIRA using agile methodology.
- Automated the existing scripts for performance calculations using NumPy and SQL Alchemy.
- Developed application which accessed the Cloud Foundry API to monitor trends in development environments using other CF tools: Jenkins, Chef, and Puppet.
- Translated design specs into responsive user interface component for web & devices

using HTML5, CSS3, Bootstrap, jQuery, JavaScript, Angular JS & AJAX. Involved in creating and extracting data from database using SQL Queries, PL/SQL on Oracle database. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Involved in Using AWS Cloud Watch performed Monitoring, customized metrics and file logging.

Environment: Python 2.7, Django 1.6, HTML5, CSS, XML, MySQL, MongoDB, JavaScript, Angular JS, jQuery, CSS Bootstrap, Rabbit MQ, Celery, T-SQL, JavaScript, Eclipse, Git, GitHub Linux, Redis, Shell Scripting Developer ALFA - Bengaluru, Karnataka June 2015 to December 2016

Alfa resources is a highly focused, emerging provider of recruitment solutions in India, offering a wide variety of services that connect top quality candidates with clients looking to fill positions in their organizations. Also provides an extensive range of services for domestic and multi-national companies.

Responsibilities:

- Used Python scripts to update content in the database and manipulate files.
- Generated Python Django Forms to record data of online users.
- Used python libraries like Beautiful Soup and matplotlib and Built efficient Node.js backend for client web application.
- Used Python and Django creating graphics, XML processing, data exchange and business logic implementation.
- Used PHP as an HTML embedded scripting language, in front end web development.
- Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
- Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, JQuery, JSON and JavaScript.
- Used Bootstrap as a mechanism to manage and organize the html page layout.
- Used Django configuration to manage URLs and application parameters.
- Developed various algorithms for generating several data patterns and Worked on Node.js for developing server side web applications and Used JIRA for bug tracking and issue tracking.
- Wrote and executed various MYSQL database queries from Python using Python-MYSQL connector and MySQL db package.
- Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
- Developed entire front-end and backend modules using Python on Django Web Framework.
- Designed and developed data management system using MySQL.
- Rewrite existing Python/Django module to deliver certain format of data.
- Used Django Database API's to access database objects.
- Wrote python scripts

to parse XML documents and load the data in database. Responsible for debugging and troubleshooting the web application. Environment: MySQL, HTML, Python 2.0, Django 1.4, CSS, XML, MySQL, JavaScript, Linux, Shell Scripting, PHP, AJAX. Developer SIM Solutions Pvt. Ltd - Delhi, Delhi January 2013 to May 2015 An e Commerce company (HQ in California, US) providing services in multiple disciplines, like - Online Shopping Cart Development, On line Promotion, Price Comparison Shopping, SEO, Customer & Technical Support through Chat, Email and Voice.

Responsibilities: Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modelling, analysis, design and development. Generated Use case diagrams, Activity flow diagrams, Class diagrams and Object diagrams in the design phase.

Responsible for entire data migration from Sybase ASE server to Oracle Migration of API code written for Sybase to Oracle. Overlook the migration activity of PL/SQL programs Migration of the PL/SQL code from Sybase to Oracle. Migration of the data contained in the earlier ASPL Database from Sybase to Oracle. Migrate the Libraries written using Sybase API's to Oracle's

OCCI API's Automation of testing using Python. Environment: Python 2.7, Shell scripting, PL/SQL, SVN, Quality Centre, Solaris, Windows, Perl. Education Bachelor's Skills AJAX (2 years), Bootstrap (2 years), Perl (3 years), Python (5 years), SQL (3 years) Certifications/Licenses Driver's License Additional Information TECHNICAL SKILLS: Primary Languages Python 2.7/2.4, Core Java, C, C++, Shell Script, Perl. Python Libraries Beautiful Soup, numpy, scipy, matplotlib, python-twitter, Pandas dataframe. Databases MySQL, SQL Server 2008, PostgreSQL, MSSQL, MongoDB Web Technologies AJAX, JavaScript, HTML, DHTML, XHTML, XML Versioning Tools Git, SVN, VSS Web servers Apache, Nginx, Tomcat Framework Flask, Parsekit (Enigma.io), Bootstrap, Django, Node.JS, PyJamas, Pyramid, Hibernate Other Tools Putty, SQL developer, Photoshop SDLC Methods SCRUM, Agile

Name: Kristen Freeman

Email: valdezstephen@example.com

Phone: 8004854624