Senior Python Developer Senior Python Developer Senior Python Developer - ServiceNow Fremont, CA   7+ Year's experience in IT industry with proficiency in Design & Development of Python, Java /J2EE, Django, flask projects.   Handy experience in developing web applications by using Python, Django, PHP, C++, XML, CSS, HTML,DHTML, JavaScript and JQuery.   Extensive experience in Python web frame works like Django, Pyramid and Flask in implementing Model View Control (MVC) architecture and automating complex workflows using Python for Test Automation.   Good experience in Shell Scripting, SQL Server, UNIX, Linux and Open stack.   Actively involved in each phase of software Development life cycle (SDLC) and experience in Agile Software Methodology. Good Experience in Object Oriented Analysis in developing Front-End and Back-End framework using various design patterns.   Excellent Experience on various Python integrated IDE's such as Sublime Text, Geany,Pycharm, Eclipse and NetBeans.   Good experience of software development in Python (libraries used: libraries- Beautiful Soup, numpy, scipy, matplotlib, python-twitter, Pandas data frame, network, urllib2, MySQL dB for database connectivity).   Experienced in designing web pages and Graphical user interfaces, front end layouts on the web by using HTML, DHTML, CSS, Bootstrap framework, PHP, XML, JavaScript, node Js and Angular Js.   Different testing methodologies like unit testing, Integration testing, web application testing, selenium testing were performed.   Experience in designing the automation framework using Perl and Shell scripting. Hands on experience working in WAMP (Windows, Apache, MYSQL, and Python/PHP) and LAMP (Linux, Apache, MySQL, and Python/PHP) Architecture.   Expertise in working with different databases like Oracle, MySQL, PostgreSQL and Good knowledge in using NoSQL databases MongoDB (2.6,2.4)   Open VMS 6.2, 7.1 & 7.2, Unix (SOLARIS), Linux, and NT systems. Performed system tuning functions and installed software on NT, Unix, and Alpha-servers. Experienced with integration of MongoDB and Casandra databases.   Good experience in developing applications using MVVM.   Experience with Version Control, ideally SVN, JIRA,CVS and GIT.   Experience with GUI frameworks such as PyJamas, Jython.   Experience in implementation of Python web frameworks like Pylons, Web2py and Python Servlet Engine(PSE) Have good Knowledge of Agile Methodologies (Scrum).   Hands on experience with installation and

configuration of Apache Tomcat server.   Experienced in developing multi-threaded web services using CherryPy & bottlePy framework.   Handy experience on using Big Data Cloud Services like PIG, HIVE and Kafka for Map reducing by which large amount of data can be easily analyzed. Good programming, problem solving skills, commitment & result oriented, with a quest & zeal to learn new technologies.   Practical experience with working on Multiple-Environments like Development, Testing, Production.   Good understanding of Jingo ORM and SqlAlchamy .Good knowledge in CORE JAVA and OOPS concepts. Authorized to work in the US for any employer

Work Experience Senior Python Developer ServiceNow - Santa Clara, CA June 2016 to Present Description: ServiceNow is a cloud computing company, developed a Python library to interact and manage the ServiceNow database to automate processes and orchestrate action across the enterprise, reuse components and integrations, and delegate application development with easy to use resources and drag and drop tools.   Responsibilities: Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.   Implemented AJAX for dynamic functionality of a web pages for front end applications.   Worked on front end frameworks like CSS Bootstrap for responsive web pages. Implemented presentation layer using CSS framework, Node JS, Angular JS, Wire-Framing and HTML5.   Designed and led big data algorithms using Hadoop and Java to improve forecasting and used Hive QL to generate reports.   Analysis, design and development of Web & Enterprise applications using JAVA and J2EE Technologies.   Integrated Apache Kafka Hadoop for data ingestion.   Design/Implement large scale pub-sub message queues using Apache Kafka.   Design and development of the new Technical flow based on JAVA/J2EE technologies.   Used integrated environment for java such as Eclipse, RAD, NetBeans, Clear Case and VSS.   Working knowledge of Java Web Services with real time knowledge using SOAP and REST.   Responsible for setting up Angular JS framework for UI development. Developed html views with HTML5, CSS3, JSON and Angular JS, Adobe flash.   Developed business process execution language processes and deployed them using Oracle SOA Suite 11g.   Delivered automated solutions for science models. Maintained and updated existing automated solutions.   Developed data model, SQL Queries, SQL

Query tuning process and Schemas.   Designed and led big data algorithms using Hadoop and Java to improve forecasting and used Hive QL to generate reports.   Automated the existing scripts for performance calculations using Numpy and SQL Alchemy.   Developed test scripts for automation with Selenium.   Used Spring MVC (Model View Controller) to intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.   Developed web applications and RESTful web services and APIs using Python Flask, Django and PHP.   Wrote PL/SQL Stored Procedures, Functions, and Packages to meet the business requirements.   Developed frontend of application using Bootstrap (Model, View, Controller), Angular.js framework. Created new JSP views to incorporate backend functionality to display on the UI screens using client rich technologies like JQuery, JavaScript, HTML, CSS files. Redesigning the existing web application with new technologies like Bootstrap, Angularjs. Developed and tested many features for dashboard, created using Bootstrap, CSS, and JavaScript.

  Worked on server side applications with Django using Python programming.   Used Pandas for a data alignment and data manipulation.   Utilized standard Python modules such as csv, itertools and pickle for development.   Worked on Python OpenStack APIs and used Numpy for Numerical analysis.   Used Ajax and JQuery for transmitting JSON data objects between frontend and controllers.   Developed Wrapper in Python for instantiating multi-threaded application.   Developed views and templates with Python and Django's view controller and templating language to created user-friendly website interface.   Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using Python-MySQL connector MySQLdb package to retrieve information.   Developed various algorithms for generating several data patterns.   I evaluated several possible design approaches for WPF user interface views, including Model-View-View Model (MVVM) and the Prism framework.   Wrote data filters in PERL to clean, and pre-process data   Used JIRA for bug tracking and issue tracking.   Added several options to the application to choose particular algorithm for data and address generation.   Developed the project in Linux environment.   Used Agile Methodology and SCRUM Process.   Maintained the versions using GIT and sending the release notes for each release.   Supported the issues seen in

the tool across all the teams for several projects.   Environment: Python 2.7, Django 1.4, CSS, HTML, MVVM, Apache Kafka, BOOTSTRAP, PERL, JavaScript, JQuery, AJAX, MYSQL, Linux, Heroku, GIT. Sr. Python Developer C. Johnson & Son - Racine, WI April 2015 to June 2016 Description: S. C. Johnson & Son an American multinational privately held manufacturer of household cleaning supplies and other consumer chemicals. We believe that the success in the marketplace is enhanced by the diversity of employees, suppliers and partners achieve this by ensuring the array of positions reflects available diverse talent in the marketplace.   Responsibilities: Business logic implementation, data exchange, XML processing and graphics creation has been done using Python and Django   Views and Templates were developed with Python and to create a user-friendly website interface Django's view controller and template language is used.   Developed UI using CSS, HTML, JavaScript, AngularJS, JQuery and JSON.   DB2 SQL Procedures and UNIX Shell Scripts were designed and developed for Data Import/Export and Conversions   A Django dashboard with custom look and feel for end user has been created after a careful study of the Django admin site and dashboard.   Unit Test Python library was used for testing many programs on python and other codes.   Worked on selenium testing framework.   JIRA was used to build an environment for development.   Different testing methodologies like unit testing, Integration testing, web application testing, selenium testing were performed. Used Django framework for application development.   Developed user interface using, CSS, HTML, JavaScript and JQuery& Ruby on rails.   Assisted in reduction of cost and optimization of supplier selection for the CRM Applications.   Ensured high quality data collection and maintaining the integrity of the data.   Cleaned data and processed third party spending data into maneuverable deliverables within specific formats with Excel macros and python libraries.   Used several python libraries like wxPython, numPY and matPlotLib.   Was involved in environment, code installation as well as the SVN implementation. Build all database mapping classes using Django models and Cassandra.   Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval. Designed and developed data management system using MySQL.   Creating unit test/regression test framework for working/new code   Developed the project in Solaris environment   This project

also used other technologies like JQuery for java script manipulations, bootstrap for the front-end html layout.   Used Pandas as API to put the data as time series and tabular format for manipulation and retrieval of data.   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.   Designed and configured database and back end applications and programs.   Performed research to explore and identify new technological platforms.   Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.   Resolved ongoing problems and accurately documented progress of a project.   Environment: Python 2.7, Django, Java Script, SQL Server, HTML, DHTML, CSS, Linux, Sub Version, Wing, AJAX. Full Stack Python Developer ASURION - San Mateo, CA December 2014 to March 2015 Description: Asurion is a tech company with more bells and whistles, gadgets and cutting-edge technology. Asurion represent a brand that generate loyalty from valued employees and most treasured customers. More than just a service provider, Asurion is a strategic partner - who work with numerous clients to develop unique approaches and programs that deliver value and best suit business needs.   Responsibilities: Developed Python scripts to read from Excel files, generate XML configuration files and also for generating IP access frequency lists in different data logs.   Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.   Designed email marketing campaigns and also created responsive web forms that saved data into a database using Python/ Django Framework.   Generated Python Django Forms, Crispy forms to record data, login and signup of online users.   Learned technical skills that are required for the system like CherryPy, Django, Flask, Pandas, JIRA, and Heroku etc.   Collaborated with a team of instructors and programmers to develop the curriculum and guidelines for workshops to teach the logic of programming.   Worked for development and enhancements of all the modules of raildocs and have them running it the design team for project structure.   Successfully migrated the Django database from SQLite to MySQL to PostgresSQL with complete data integrity.   Upgraded Python 2.5 to Python 2.7 on a RHEL server. This upgrade was necessary because in lined models with UTF-8

characters were causing unexpected errors.   Developed Application to access JSON and XML from Restful Web Service from consumer side using JavaScript and Angular.JS.   Expertise in developing web-based LAMD stack applications using Python and Django for large dataset analysis.   Designed and Implemented a Random Unique Test Selector Package on processing large volume of data using Python and Django ORM.   Involved and worked on Python Open stack API's. Developed and implemented the user registration and login feature for the application process from scratch by extending Django user model.   Write a wrapper program in Python to automate the entire process like running different executables of FORTAN and call the Java swing program. Database Administration activities like taking backup, checking log messages, looking for database optimization.   Learned how to create specific images using Python Imaging Library for the custom images used for each book.   Developed and maintained parsing modules, which read CSV, XML and JSON data from files and other REST services, processed the data. Environment: Python 2.7, RabbitMQ, FORTAN, XML, WSDL, CherryPy, Flask, Django, Pandas, MySQL, CSS, HTML, Jenkins, Google App Engine. Python Developer State of North Dakota - Bismarck, ND October 2013 to November 2014 Description: State of North Dakota Information Technology Department supports IT needs of state government and higher education. ITD's mission is to provide knowledge to assist the customers in achieving their mission through the innovative use of information technology. For this, we develop software to support the client business requirements as well as the internal needs. Also, we assure the quality of software by testing of the product.   Responsibilities: Responsible for requirement gathering, designing and developing web based applications.   Coded model level validation and provide guidance in making long term architectural design decisions and also used Agile Methodology and SCRUM process.   Developed and handled business logics by backend python programming to achieve optimal results.   Worked on Element Tree XML API in python to parse XML documents and load the data in database.   Wrote and deployed daily production system using Perl.   Developed view and templates in Django to create a user friendly website interface.   Developed user interfaces using HTML, CSS, JavaScript, Ajax, JSON and JQuery. Experienced with Bootstrap as a mechanism to manage and organize the html page layout.   Used

JavaScript to validate all the client side validations.   Used Django configuration to manage URL's and application parameters.   Used Pandas as API to put the data as time series and tabular format for manipulation and retrieval of data.   Used Pandas Library for statistical analysis.   Involved and worked on Python Open stack API's.   Used python scripts to update content in the database and manipulate files.   Used several python libraries such as wxPython, numPY, Spicy and matPlotLib.

 Experience in development of web services SOAP, RESTful for sending and getting data from the external interface in the XML and JSON format.   Responsible for debugging and troubleshooting the web application and created unit test/regression test framework for working on new code. Involved in implementation of automate scripts to back up the old records by using MongoDB export command and transferred the backup files into backup machine with the help of ftplib.   Worked on MongoDB replication concept, used to maintain multiple copies of data in different database servers.

   Involved in build and deployment on various environments including Linux and UNIX.   Worked with team of developers on Python applications for RISK management.   Used design patterns efficiently to improve the code reusability and also used JIRA for bug tracking and issue tracking. Hands on experience on version control tools such as GitHub and amazon EC2.   Environment: Django, HTML, CSS JavaScript, Ajax, JSON, PERL, JQuery, MongoDB, RISK management, TDD, SOAP, REST, MVC, GitHub. Python developer Hughes Network Systems - Gaithersburg, MD January 2011 to October 2013 Description: Hughes Network Systems (Hughes), an EchoStar Company, is the world's leading provider of satellite broadband for home and office, delivering innovative network technologies, managed services, and solutions for enterprises and governments globally. Hughes Net is the high-speed satellite Internet service in the marketplace, with offerings to suit every budget. To date, Hughes has shipped more than 4 million systems to customers in over 100 countries, representing approximately 50 percent market share.   Responsibilities: Developed views and templates with Python Django view controller and templating language to create a user friendly website interface.   Used PyUnit, Python unit test framework for all the Python applications.

   Used Django framework to develop the application and used Python modules such as requests, urlib and urlib2 for web crawling.   Used other packages such as Beautiful soup for data parsing.

Worked on building all the database mapping classes using Django models. Implemented the presentation layer with HTML, Ajax, CSS, and JavaScript, JQuery and Angular Js. Experience with JSON based web services and Amazon Web Services. Created user Controls and simple animations using Java Script and Python. Generated Python Django forms to record data of online users. Used PyQuery for selecting particular DOM elements when parsing HTML. Successfully migrated the Django database from SQLite to PostgreSQL with complete data integrity. Enhanced existing automated solutions, such as the Editorial tool for automated request reporting. Wrote python scripts to parse XML documents and load the data in database. Worked with JSON based REST web services. Created a Git repository and added the project to GitHub and also worked on JIRA issue management to track sprint cycles. Environment: Python, Django MVC, PyUnit, JSON, REST, GitHub, JIRA, XML, DOM, HTML, AJAX, CSS, JQuery, Agile, SQLite, PostgreSQL. Python Developer Progressive Digital Media Private Limited June 2009 to January 2011 Description: Progressive Digital Media is one of the leading Telecom providers. Our project is Directory Enquiry - a search engine for Directory. The Application mainly has two modules Agent Application and Admin Application. Searching different directories based on name and city maintaining the search history of agent and maintaining reports are the main functionalities in Agent Application. Admin Application mainly comprises of creating new users, their roles, permissions, and check reports. Responsibilities: Programming in Python as well as Perl. Participated in the complete SDLC process. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Developed user interface using CSS, HTML, JavaScript and JQuery. Created entire application using Python, Django, MySQL and Linux. Designed and implemented a dedicated MYSQL database server to drive the web apps and report on daily progress. Used Django framework for application development. Wrote unit test cases for testing tools. Collaborated with internal teams to convert end user feedback into meaningful and improved solutions. Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page.

Improved performance by using more modularized approach and using more in built methods. Performed data manipulation/storage for incoming test data using lxml /etree libraries. Developed API modularizing existing python module with the help of pyyaml libraries. Designed and configured database and back end applications and programs. Performed research to explore and identify new technological platforms. Environment: Python 2.7, Django 1.4, Puppet Rspec, Jenkins, Grafana/Graphite, MySQL, Linux, HTML, CSS, JQuery, JavaScript, Apache, Linux, Git, Perl, Cassandra. Skills CSS (3 years), Django (5 years), HTML (3 years), JavaScript (3 years), Python (7 years) Additional Information Technical Skills: Programming Languages Python, JAVA, C++, C, PL/SQL,PHP Query Languages SQL, PL/SQL. Operating Systems Windows Vista/XP/7/8/10, Linux, Unix, OS X. Deployment Tools AWS (EC2, S3, ELB, EBS, RDS, SES), Heroku, Jenkins, Azure. Web Development CSS, HTML, DHTML, XML, JavaScript. Angular JS, JQuery and AJAX. Web Servers WebSphere, WebLogic, SOAP, RESTful. Python Framework Django, Flask, Web2py and Bottle, Pyramid, RabbitMQ Django, Flask, Pyramid, Django Rest, Pyjamas, Jython. Bug Tracking Tools Jira, Bugzilla, Junit, gdb. Databases Oracle 11g/10g/9i, MySQL, SQL Server RC 2008, postgreSQL, NoSql, MongoDB, Django ORM, Cassandra. Methodologies Agile, Scrum and Waterfall. IDEs Sublime Text, PyCharm, Eclipse, NetBeans, jDeveloper, WebLogic Workshop, RAD. Version Controls CVS, SVN, GIT and GitHub.

Name: Evan Cooper

Email: kayla07@example.com

Phone: 001-414-269-6101x74849