Sr. Python Developer Sr. Python Developer Sr. Python Developer - Selene FinanceLocation Houston, TX   7+ years of experience in Analysis, Design, Development, Management and Implementation of various stand-alone, client-server enterprise applications in Python   Experience object-oriented programming (OOP) concepts using Python, C++ and PHP.   Experienced in developing web-based applications using Python, DJANGO, C++, XML, CSS3, HTML5, JavaScript and jQuery.   Proficient in Front end development using HTML, XML, CSS, jQuery, JSON and JavaScript.   Experience with Web Development, Python and the Django framework.   Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testingand Implementation and support.   Experienced with full software development life-cycle, architecting scalable platforms, object-oriented programming, database design and agile methodologies.   Good knowledge of web services with protocols SOAP and REST.   Experience with Unit testing/ Test driven Development (TDD), Load Testing in JIRA, JENKIN.   Experience in developing web applications implementing MVC architecture using Django framework andSQLAlchemy.   Working knowledge in multi-tiered distributed environment, OOAD concepts, good understanding of Software Development Lifecycle (SDLC).   Experienced in Python's modules NumPy, matplotlib for generating complex graphical data, creation of histograms etc.   Expertise in Service Oriented Architecture (SOA) and its related technologies like Web Services, BPEL, WSDLs, SOAP, XML, XSD, XSLT etc.   Developing high availability real time Messaging system for financial/Banking transactions and developed associated components in Linux, UNIX, AIX platforms. Tools C++, STL, BOOST, XML (XPath and XSLT) IBM MQ libraries, Perl, Python scripting.   Proficient in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like Oracle and MySQL.   Excellent experience with Python development under Linux OS. Experience in using various version control systems like CVS, Git, GitHub and Amazon EC2 and deployment using Heroku.   Sound knowledge in Spring, Hibernate, RDBMS, Web, XML, Ant/Maven, HTML, Python, Shell Scripting.   Extensive experience in system analysis, design, development and implementation of web based and client/server application using HTML, Angular JS, Bootstrap, underscore JS, Node JS, CSS, JavaScript, AJAX, JSP, JDBC, XML, XSLT, Python,

Django, PHP.   Maintained detailed documentation and architectural solutions in IT infrastructure and sales systems.   Developed in Windows and going to deploy it in Linux server.   Conducted numerous enhancements for the system and bug-fixing tasks.   Executed asynchronous tasks with help of Celery and Rabbit MQ.   Versatile with Version control systems including Git and SVN and Implemented RESTful API which returns data from PostgreSQL in JSON format Work Experience Sr. Python Developer Selene FinanceLocation - Houston, TX September 2016 to Present Built an execution environment or system that allows for automated testing of tools. It can be viewed as a platform to test out a set of assumptions or planned changes (in the analysis tools/version, dataset/models or execution environment) and make side-by-comparison of results or to verify qualification status of production tools.   Responsibilities: * Management of a test library for each tool-version flavor as configured, provide a mechanism to execute the tools-versions under test * Placed data into JSON files using Python to test Django websites. Used Python scripts to update the content in database and manipulate files. * Developed web-based application using Django framework with python concepts. * Generated Python Django forms to maintain the record of online users. * Used Django API's to access the database. * Involved in Python OOD code for quality, logging, monitoring, and debugging code optimization.   * Wrote Python modules to view and connect the Apache Cassandra instance.   * Created Unit test/ regression test framework for working/new code. * Installed and maintained web servers Tomcat and Apache HTTP in UNIX. * Developed efficient Angular.js for client web-based application.   * Responsible for designing, developing, testing, deploying and maintaining the web application. * Designed and developed the UI for the website with HTML, XHTML, CSS, Java Script and AJAX. * Involved in working with Python open stock API's. * Responsible for managing large databases using MySQL. * Wrote and executed various MySQL database queries from Python-MySQL connector and MySQL db. package. Used the Python's modules NumPy, matplotlib, etc. for generating complex graphical data, creation of histograms etc. * Developed and designed automation framework using Python and Shell scripting. * Involved in debugging and troubleshooting issues and fixed many bugs in two of the main applications which are main source of data for customers and internal customer service

team. * Implemented SOAP/RESTful web services in JSON format. * Created Git repository and added the project to GitHub. * Involved in debugging the applications monitored on JIRA using agile methodology. * Attended many day-to-day meetings with developers and users and performed QA testing on the Application.   Environment: Python3.x+, Django 1.4, HTML, CSS, AJAX, Tomcat, Apache HTTP, Angular.js, JSON, Restful, XML, JavaScript, OOD, Shell Scripting, GIT Hub, MYSQL, Cassandra, JIRA Sr. Python Developer Gexa Energy - Houston, TX January 2015 to July 2016 Developed a web-based application using python to automate the bill management process. I had developed an application that fetches the reportsand other data from the vendor's websites (total of different 5 vendors)and fill that data into the respective tables into the database. Responsibilities: * Worked alone on the project from gather requirement developing theentire application, with help from another analyst. * Wrote python routines to log into the websites and fetch data forselected options. * Used python modules such as requests, urllib, urllib2 for web crawling. * Used other packages such as Beautiful soup for data parsing. * Used networking and application protocol. * Worked on QA (quality assurance) Automated testing tools that can execute tests, reporting outcomes and comparing results withearlier test runs. * Worked on writing and as well as read data from csv and excel fileformats. * Worked in stages such as analysis and design, development, testing anddebugging. * Wrote programs for performance calculationsusingNumPyandSQLAlchemy. * Worked on CSV files while trying to get input from the MySQL database. * Created and executed test plans using PyUnit. * Worked with the testing team for resolving bugs. * Responsible for debugging the project monitored on JIRA (Agile) * Used jQuery for all client-sideJavaScript manipulation. * Created unit test/regression test framework for working/new code * Using Subversion control tool to coordinate team-development. * Built development environment with JIRA, Git. * Closely involved in performance evaluation and User Acceptance Test. * Worked on resulting reports of the application and Tableau reports. * Performed QA testing on the application. Environment: Python 2.7, PyCharm (IDE) Windows 7, Teradata, Requests, urllib, urllib2, Beautiful soup, UI, Tableau. Python Developer Idea Entity - Hyderabad, Telangana March 2012 to September 2014 Responsibilities: * Involved in

understanding the current business process, defining scope of the project along with position statement.   * Re-engineered various modules for implementing changes and creating efficient system. * Developed dynamic web pages using python Django Frameworks. * Used Python and Django creating for XML processing, data exchange and business logic implementation. * Used python scripts to update content in the database and manipulate files. * Resolved issues and improvised the process to ensure a stable and accurate solution. * Generated Python Django Forms to record data of online users.   * Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization. * Writing Unit, Functional, and Integration test cases for Cloud Computing applications on AWS using Python with boto library.   * Held meetings with client and worked all alone for entire internal project with limited help from the client. * Worked on writing and as well as read data from csv and excel file formats. * Connected Flex from Backend Controller using different API services.   * Working with the architect, developers on business and technical issues, helping in designing the system; and testers to ensure all requirements are correctly translated. * Expertise in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and User Defined function. * I have also used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different we request from multiple browser to web application. * Data mapping, logical data modeling, created class diagrams and ER diagrams and used SQL queries to filter data within the Oracle database. Environment: Python, Django, Java, MySQL, XML, HTML, XHTML, CSS, AJAX, JSON, JavaScript, Apache Web Server, MYSQL Python Developer AP Electronics - Hyderabad, Telangana March 2011 to February 2012 Responsibilities: * Involve in the development of the application and Implemented user interface guidelines using Python, HTML5, CSS3, JavaScript, AJAX, JSON and jQuery. * Developed and maintained presentation layer (UI) for the Wholesale Management Portal. * Developed GUI using Python and Flask for dynamically displaying the test block documentation and other features of python code using a web browser. * Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.   * Develop the existing application to enhance the features using Flask Framework and improve the performance using web services. *

Developing scripts for build, deployment, maintain and related task using Jenkins, Python, Bash. * Monitored the error logs and fixed the bugs using Splunk. * Successfully migrated the database from SQLite to MySQL to Postgres SQL with complete data integrity. * Worked on developing internal testing tools which were written in Python. * Followed AGILE development methodology to develop the entire application. Environment: Python, HTML5, CSS3, LESS, JavaScript, AJAX, JSON, REST, Bootstrap, Jasmine, Karma, GIT. Education Bachelor's Skills Python, Django, Javascript, Flask

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