Senior Python Developer Senior Python Developer Senior Python Developer - Quicken Loans Seattle, WA Work Experience Senior Python Developer Quicken Loans - New York, NY April 2017 to Present Responsibilities: Designed and developed Python/Django framework for REST Services. Created and tested many features for dashboard using python and JavaScript. Executed various MySQL database queries from python using Docker, Python-MySQL connector and MySQL dB package. Integrating Kubernetes with Networking, Storage, Security, Telemetry and other services to provide a comprehensive container infrastructure. Managing the Docker container through the pods and performing the load balance between the pods through Kubernetes. Deployed many Python bugfixes of the two main applications that are main source of data for both customers and internal customer service team. Created project designs using MVC architecture components. Developed a fully automated continuous integration system using Git, Cassandra, Jenkins, ajax, PostgreSQL, jQuery, MySQL, node JS and custom tools developed in Python and Bash Developed frontend and backend modules using Python on Django including Tasty Pie Web Framework using Git and jQuery. Developed web applications, RESTful web services and APIs using Python Flask, Cassandra, Docker, MongoDB, Django; good knowledge of web services with protocols SOAP, REST. Developed Ruby/ Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore. Develop consumer-based features and applications using Python, Django, Matplotlib, angular JS, jQuery, hibernate, AWS, node JS, pyramid, HTML, Behavior Driven Development (BDD) and pair-based programming. Involved in development of Python based Web Services using REST for sending and getting data from the external interface in the JSON format and perform analysis using Django, PostgreSQL. Developed the application using the Test-Driven methodology and designed the unit tests using Python Unit test framework. Managed datasets using Panda data frames and MYSQL. Queried the database queries using Python. Develop consumer-based features and applications using Python and Django in test driven Development and pair-based programming. Developed and tested many features for dashboard using Python, Docker, jQuery, Cassandra, MongoDB, Java, Matplotlib, ajax, Bootstrap, CSS, JavaScript pyramid and jQuery. Used Python based GUI

components for the front-end functionality such as selection criteria. Developed views and templates with python and Django view controller and templating language to create a user-friendly Website interface. Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package Developed Views and Templates with Python and Website interface is created using Django's view controller and template. An application was developed in Linux environment and dealt with all its commands. Developed Views and Templates with Python and Website interface is created using Django's view controller and template. Python Unit test library was used for the purpose of testing many programs on Python and other codes. Python Developer Washington, DC July 2015 to March 2017 Roles & Responsibilities: Designed front end using HTML, Bootstrap, and CSS. Created entire application using Python, Django, ajax, Cassandra, PostgreSQL, AWS, MongoDB and Linux. Used Python libraries like Selenium, NumPy and SQL Alchemy. Worked on several Python libraries like NumPy, Pandas and Matplotlib. Developed and implemented the user registration and login feature for the application process by extending Django user model. Worked in container-based technologies like Docker, Kubernetes and Open shift and used Jenkins pipelines to drive all micro-services builds out to the Docker registry and then deployed to Kubernetes Design develop and test HTML5, CSS3, Bootstrap, flask, node JS, jQuery, Docker, Cassandra, JavaScript, and React that meets accessibility and web browser standards for website. Created entire application using Python, Django, ajax, flask, MySQL, PostgreSQL, MongoDB, pyramid and Linux. Created Several XML Schemas and Developed Stored PL/SQL Procedures and Packages to automatically create and drop table indexes. Generated Python Django forms to record data of online users and used PyTest for writing test cases. Set up the deployment environment on Web Logic Developed system preferences UI screens using JSP and HTML Developed web applications and RESTful web services and APIs using Python, Responsible for setting up Python REST API framework using DJANGO. Used NumPy, Matplotlib, and Pandas to generate products for major enterprises. Created a Python based web application using Python scripting for data processing, Docker, jQuery, hibernate, ajax, MySQL for the database, and HTML/CSS. Designed and developed the UI of the

website using HTML and CSS. Wrote & executed various MYSQL database queries from Python using Python-MySQL connector & MySQL dB package. Developed and designed automation script using Python and Bash. Built SQL queries for performing various CRUD operations like create, update, read and delete. Responsible for setting up Python REST API framework using Django Python Developer American Express - New York, NY March 2014 to May 2015 Responsibilities Used Python, Django and Pyramid frameworks to develop applications and responsible for both back-end programming and front-end functionality using JavaScript, Ajax, Docker, Angular.JS, and other technologies. Built a new CI pipeline and performed testing and deployment automation with Docker, Jenkins, and Puppet. Redesigned and redeployed the Nagios implementation. Nodes automatically added/removed themselves via Puppet. Used Kubernetes to deploy scale, load balance, and worked on Docker Engine, Docker HUB, Docker Images, Used AJAX for transmitting JSON data objects between frontend and controllers and wrote Python scripts to parse XML and JSON documents and load the data in database. Implemented RESTful Web-Services for sending and receiving the data between multiple systems.

Implemented business logic using Python and used HTML, pyramid, MongoDB, AWS, jQuery, PostgreSQL, CSS, ajax, flask, node JS, JavaScript and Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub. Developed application service components and configured beans using Spring IoC, creation of Hibernate mapping files and generation of database schema. Implemented and enhanced CRUD operations for the applications using the MVT (Model View Template) architecture of Django framework and Python conducting code reviews. Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, pyramid, flask, Docker, ajax, CSS, Cassandra, JavaScript. Extensively worked on developing UI components using Angular JS and JSON to interact Restful web services.

Designed and developed data management system using PostgreSQL and MySQL. Set up and maintain CI infrastructure to streamline build process, unit tests, functional tests, integration tests and artifacts deployments. Developed build and deployment scripts using Ant and Maven as build tools in Jenkins to move from one environment to other environments. Extensively worked on

Application servers like WebLogic and Apache Tomcat. Used Ajax for transmitting JSON data objects between frontend and controllers and Worked on configuring TCP/IP, network interface, assigning static routes and hostnames. Developed many features for dashboard using Ruby on Rails, node, Bootstrap, CSS and JavaScript (J2EE) Used SVC version control system for maintain version of code & Used agile methodology. Python Developer Juniper Networks - Los Angeles, CA April 2011 to March 2014 Progressive Auto Insurance portal provides ability for end customers/users to request a quote, provide quote details, purchase auto insurance and payment of insurance amount. This platform is built using a Struts framework in the presentation layer. The back-end functionality is built using Oracle as data persistence layer and Hibernate as data access layer. Responsibilities: Worked on the project from gather requirement developing the entire application, with help from another analyst. Used Django configuration to manage URLs and application parameters. Generated Python Django Forms to record data of online users Used Django configuration to manage URLs and application parameters. Also gained familiarity with supporting technologies like kubernetes and Mesos. Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. Designed and created backend data access modules using PL/SQL stored procedures and Oracle 9i. Created database access layer using JDBC, Ajax, jQuery and PL/SQL stored procedures. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Worked in an agile development environment. Skills AJAX (7 years), AWS (7 years), DATABASE (7 years), DJANGO (7 years), jQuery (7 years) Additional Information Skills Programming Languages: Python, C, C++, PHP. Django, flask, pyramid, angular, node, LAMP, WAMP, JavaScript, hibernate, React, AWS, jQuery, PostgreSQL, GIT, AJAX. Libraries: beautiful soap, PyCharm, NumPy, SciPy, matplotlib, urlib2. Database: Oracle, DB2, SQL, servers, SSIS, SSRS Containers: Docker, kubernets, docker hub, docker engine. Development tools: Open Grok, Jenkins, Coverity, pylint, pdb, Sublime Text, Eclipse, emacs, gvim, Notepad++, gdb Version Controls: CVS, SVN, GIT, GitHub Methodologies: Agile, SCRUM and Waterfall.

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