Python Developer Python Developer Python Developer - Century Bank Sharon, MA ? Around 6+ years of experience as a Python Developer, proficient coder in multiple languages and experience in Design, Development, Implementation of Python, Django, Flask client-server technologies-based applications, RESTful services, AWS, C, C++, JAVA and SQL. ? Experience in all phases of Software Development Life Cycle (SDLC)-Waterfall, agile Process across various workflows (Requirement study, Analysis, Design, Coding, Testing, Deployment and Maintenance) in Web & Client/Server application development. ? Experience object-oriented programming (OOP) concepts using Python, and C++. ? Extensive experience in developing web applications using Python, Django, Flask frameworks. ? Experience in working with several python libraries including Beautiful soup, NumPy, matplotlib, SciPy, PyQt, Scapy, SQLAlchemy. ? Good experience in developing web applications implementing MVT architecture using Django, Flask, Webapp2 web application frameworks, with good understanding of Django ORM and SQLAlchemy. ? Hands-on experience with industry-standard IDEs like PyCharm, Sublime, NetBeans. ? Extensive experience in developing applications by implementation of web based and client/server application using HTML, Angular JS, Node JS, CSS, JavaScript, and various Java/J2EE technologies. ? Good experience in Shell Scripting, Oracle RDBMS, SQL Server, UNIX and Linux. ? Good knowledge of TCP/IP, UDP, HTTP, HTTPS, SSH and SSL protocols. ? Expert at version control systems like Git, SVN and CVS, Migrated repos from SVN to Github. ? Proficient in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like Oracle, MSSQL Server. ? Experience in working with various Version Control systems like CVS, Git, Git Hub etc, Build Automation tools such as Maven, and Continuous Integration Tools such as Jenkins. ? Experience with source code testing frameworks like Robot, PyUnit. ? Good experience in working with Amazon Web Services (AWS) like AWS EC2, S3, VPC, SES, ELB, EBS, RDS, Glacier, DynamoDB etc. ? Good knowledge on C, C++ languages including threads, templates, Encapsulation, Abstraction, Polymorphism and OO concepts. ? Experienced in developing web services (WSDL, SOAP and REST) and consuming web services with Python programming language. ? Hands on experience with bug tracking tools JIRA and Bugzilla. ? Experience in Agile development processes

ensuring rapid and highquality software delivery ? Highly motivated, quality minded developer, with proven ability to deliver applications against tight deadlines. Work Experience Python Developer Century Bank - Somerville, MA June 2017 to December 2018 Responsibilities: * Gathering requirements and translating the business details into Technical design. * Implemented responsive user interface and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript, JQuery. * Developed views and templates with Python and Django's to create a user-friendly website interface. * Utilized Python libraries like wxPython, NumPy, SciPy, Web2py. * Designed RESTful Webservices using FLASK, with emphasis on improved Security for the service using FLASK-HTTPAuth with HTTPS. * Wrote and executed various MySQL database queries from python using Python-MySQL connector and MySQL DB package. * Development of Python APIs to dump the array structures in the Processor at the failure point for debugging. * Creating RESTful web services for Catalog and Pricing with Django MVT, MySQL, and MongoDB. * Collaborated within a team using an agile development workflow and widely-accepted collaboration practices using Git. * Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash. * Implemented Multithreading module and complex networking operations like raceroute, SMTP mail server and web server Using Python. * Automated RabbitMQ cluster installations and configuration using Python/Bash. * Written test cases using PyUnit and Selenium Automation testing for better manipulation of test scripts. * Used automation Jenkins for continuous integration on Amazon EC2. * Used JIRA for Bug tracking and issue tracking. * Worked as part of an Agile/Scrum based development team and exposed to TDD approach in developing applications. Environment: Python, Django, CherryPy, HTML5, CSS, Bootstrap, JSON, JavaScript, AJAX, RESTful webservice, MySQL, SQLite, Cassandra, AWS (EC2, S3), PyUnit, Karma, Jenkins, Selenium. Python Developer Bouvier Insurance - West Hartford, CT February 2016 to May 2017 Responsibilities: * Involved in the project life cycle including design, development and implementation and verification and validation * Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/JQuery and HighCharts, matplotlib for data visualization of sales, tracking progress,

identifying trends. * Fetched twitter feeds for certain important keyword using python-twitter library (Tweepy), Used JSON to store the twitter data which was further represented using matplotlib visualization and generated graphical reports for business decision using matplotlib library. * Participate in the design, build and deployment of NoSQL implementations like MongoDB. * Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. * Extensive code reviewing using GitHub pull requests, improved code quality, also conducted meetings among Team. * Developed server-based web traffic using RESTful API's statistical analysis tool using Flask, Pandas. * Wrote PL/SQL views, Stored Procedures, database triggers & Packages. * Enhanced by adding Python XML SOAP request/response handlers to add accounts, modify trades and security updates. * Recording of Scripts Web Services HTML using Vugen and SoapUI and script validation through co correlations, parameterizations and other methods. * Worked with RDBMS like Oracle 11g/10i and MySQL databases to query and read data. * Developed various Python scripts to find vulnerabilities with SQL Queries by doing SQL injection, permission checks and performance analysis. * Developed scripts to migrate data from proprietary database to PostgreSQL. * Created backend database T-SQL stored procedures and Jasper Reports. * Performed Unit testing, Integration Testing, GUI testing using Pytest and web application testing using Selenium Python bindings. * Logged user stories and acceptance criteria in JIRA for features by evaluating output requirements and formats.   Environment: Python, Django, HTML5, CSS, Bootstrap, JQuery, JSON, JavaScript, PostgreSQL, T-SQL, MongoDB, SoapUI, MySQL, Amazon AWS S3, Bugzilla, JIRA. Python Developer Minerva Soft, India - IN March 2012 to December 2015 Responsibilities: ? Used UML Rational Rose to develop Use-case, Class and Object diagrams for OOA/OOD techniques. ? Built database Model, Views and API's using Python for interactive web based solutions. ? 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 OOP code for quality, logging, monitoring, and debugging code

optimization. ? Developed tools to automate some base tasks using Python, Shell scripting and XML. ? Used Python and Django to interface with the JQuery UI and manage the storage and deletion of content. ? Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. ? Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation. ? Involved in writing and modifying procedure, Queries, Views and Triggers and called them from JavaScript using the local application framework. ? Used Angular.JS built-in directives, custom directives and services for developing interceptor and complex UI data table grids. ? Created Angular.JS controllers, services and used Angular.JS filters for filter functionality in search box and integrator functionalities. ? Develop applications that use MongoDB database, and Oracle. ? Wrote Python code embedded with JSON and XML to produce HTTP GET request, parsing HTML data from websites. ? Wrote Python code to simplify lists in Python with list comprehension and Python OOP. Worked with POSTMAN for API testing. Developed REST APIs, and created User Model for application. ? Developed RESTful service interface using Spring MVC to the underlying customer event API. ? Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database. ? Developed remote integration with third party platforms by using RESTful web services. ? Wrote Python scripts to parse XML documents and load the data in database. ? Generated property list for every application dynamically using Python.   Environment: Python, Django, XML, Java, Apache, CSS, MySQL, JSON, DHTML, HTML, JavaScript, Shell Scripts, agile, Restfull, UNIX, MongoDB, Linux, APIs, Git, Scrum, Spring, MongoDB, SOAP Education Bachelor's Skills Javascript

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