

Python developer Python developer Python developer - Amazon Seattle, WA Experienced professional with 5+ years of technical exposure in diverse technologies like Python, Django, PostgreSQL, Linux, Java, MySQL and AWS. Experienced in developing web-based applications using Python, DJANGO, GTK, QT, C++, JSON, CSS, Expertise in implementing Object-Oriented technologies, Web based client-server architecture, service-oriented architecture and Object Relational Mappings (ORM). Experienced in developing Web-based Applications using Python, CSS, HTML, JavaScript, Angular JS and JQuery. Skilled experience in Python with using new tools and technical developments (Libraries Used: libraries - Beautiful Soup, Jasy, numpy, Scipy, matplotlib, Pickle, PySide, Pandas dataframe, SQLAlchemy, networkx, numpy, scipy, urllib2, Pychart, Highcharts, PySide, SciPy, PyTables) to drive improvements throughout entire SDLC. Experience with 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. Expertise in working with server-side technologies including databases, Restful APL and MVC design patterns. Experience in creating Open stack services for Identity, Compute, Image Service, Block Storage, Networking (Neutron, Keystone). Superior Troubleshooting and Technical support abilities with Migrations, Network connectivity, Security, and Database applications. Good experience in Shell Scripting, SQL Server, UNIX and Linux, Open stack. Involved in Unit testing, Integration testing, User-Acceptance testing, and Functional testing. Experience in working with different operating systems Windows 98 / NT / 2000 / XP / Vista / 7 / 8, UNIX, and MAC OS X. Experience in AWS Cloud services such as EC2, S3, EBS, VPC, ELB, Route53, Cloud Watch, Security Groups, Cloud Trail, IAM, Cloud Front, Snowball, RDS and Glacier. Experienced in developing API services in Python/Tornado, NodeJS while leveraging AMQP and RabbitMQ for distributed architectures. Expertise in PIP (community most used Python Package Manager), PyVows (BDD tool for Python). Expertise in working with GUI frameworks-Pyjamas, Jyθο, guidata, PyGUI, PyQt PyWebkitGtk and Experienced with Elasticsearch, Log stash and Kibana (ELK). Expertise in Crypto Blockchain (Bitcoin, Monaro, Bitcoin Cash) E-commerce platform built utilizing Python with Flask back-end and Jinja/JavaScript front-end Authorized to work in United States for any employee. Authorized to

work in the US for any employer Work Experience Python developer Amazon - Seattle, WA August 2018 to Present Developed and designed Python based API (RESTful Web Service) to interact with company's website. ? Successfully implemented Django framework to design server applications. ? Wrote Python code and actively participated in the procedure to automate processes. ? Build and test functionality within a production pipeline. ? Implemented Python code to fix bugs and provides upgrades to existing functionality. ? Created Business Logic using Python to create Planning and Tracking functions. ? Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web-based solution. ? Developed Business Logic using Python on Django Web Framework. ? Utilized PyQt to provide GUI for the user to create, modify and view reports based on client data. ? Developed complex web, middleware, and back end systems in Python, SQL for Linux and Windows. ? Developed a fully automated continuous integration system using Git, Gerrit, Jenkins, MySQL and custom tools developed in Python and Bash. ? Involved in front end and utilized Bootstrap and Angular.js for page design. Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records. ? Used PyQuery for selecting particular DOM elements when parsing HTML. Used Wireshark, live http headers, and Fiddler debugging proxy to debug the Flash object and help the developer create a functional component. Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval. ? Worked with python editors like PyCharm, PyScripter, PyStudio, PyDev, Wing IDE and Spyder. ? Worked with open-stack services such as NOVA, SWIFT, KEYSTONE, NEUTRON, CINDER and GLANCE. Used J2EE Design patterns (Singleton, Service Locator and DAO). ? Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. ? Developed Kafka producer and consumers, HBase clients, Spark, shark, Streams and Hadoop MapReduce jobs along with components on HDFS, Hive. ? Leveraged AWS cloud services such as EC2, auto scaling and VPC to build secure, highly scalable and flexible systems that handled load on the servers. ? Worked on Microservices architecture using technologies such as Docker, AWS Lambda, Serverless design patterns. ? Worked on analyzing Hadoop stack and different big data analytic tools including Pig, Hive, HBase

database and DynamoDB. ? Used Amazon Elastic Beanstalk with Amazon EC2 instance to deploy Django project into AWS. Configured continuous integration with Jenkins on Amazon EC2. ? Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. ? Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs, Python and Scala. ? Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes. ? Created Data- pipelines and configured EMR Cluster to offload the data to Redshift. Configured Data- pipelines (with EMR Cluster) to offload the data to Redshift. ? Configured and administered Jenkins for continuous integration and deployment into Tomcat Application Server and to improve reusability for building pipelines. ? Created data pipelines in AWS using AWS native services like Lambda, EC2 and are aware of big data transformation.

Python Developer Cisco - Dublin, OH January 2017 to December 2017 Writing REST APIs, as part of developing web-based applications for insurance premium calculations, using Django REST framework. ? Heavily leveraged Python's graphics APIs for creating graphics and serialization libraries for encoding data in XML/JSON formats. ? Also involved in writing REST APIs using Django framework for data exchange and business logic implementation. ? Experience in using collections in Python for manipulating and looping through different user defined objects. ? Design and implemented custom Bash scripts for controlling the data flow from the PostgreSQL database. ? Assisted the development team in sending the correct data via query strings using PostgreSQL as the back-end for storing data. ? Using SQL Alchemy with Flask and PostgreSQL as database for developing the web application. ? Used REST and SOAP API for testing web service for server-side changes. ? Developing scripts for build, deployment, maintain and related task using Jenkins, Maven, Python, Bash. ? Successfully migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity. ? Managed code versioning with GitHub, Bitbucket and deployment to staging and production servers.

Python Developer HUBSPOT INC - Cambridge, MA November 2015 to November 2016 Involved in the Design, development, test, deploy and maintenance of the website. ? UI was developed using HTML, AJAX, CSS and JavaScript. ? Developed entire frontend

and backend modules using Python on Django Web Framework. ? Generated property list for every application dynamically using Python. ? Developed internal auxiliary web apps using Python Flask framework with CSS / HTML framework. ? Implemented Test Driven Development (TDD) strategy for the project. ? Developed Python batch processors to consume and produce various feeds. ? Created database access layer using JDBC and PL/SQL stored procedures. ? Responsible for search engine optimization to improve the visibility of the website. ? Developed Merge jobs in Python to extract and load data into MySQL database. ? Use Git for version control. ? 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. ? Utilized Python specific tools including Django, Django Rest Framework, Django ORM, Flask, SQL Alchemy, Pandas, NumPy. ? Performed Unit testing, Integration Testing, GUI and web application testing using Spec. ? Involved in writing SQL Queries and implementing stored procedures, functions, packages, tables, views, Cursors, triggers. ? Deployed the project into WebLogic using GIT version control system. ? Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization. ? Build SQL queries for performing various CRUD operations like create, update, read and delete. Python Developer IBM - IN January 2013 to February 2015 Responsible for gathering requirements, system analysis, design, development, testing and deployment. ? Participated in the complete SDLC process. ? Created Business Logic using Python 2.7. ? Used FLASK framework for application development. ? Utilized PyTest, the Python unit test framework, for all Python applications. ? Wrote Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization. ? Involved and played a leading role in database migration projects from Oracle to MongoDB ? Deployment and Build of various environments including Linux and UNIX ? Installed and maintained web servers Tomcat and Apache HTTP Web servers in UNIX. ? Involved in Installation and setting up Python /Linux test beds. ? Worked with JSON based REST Web services. ? Worked on automation, setup and administration of build and deployment tools such as Jenkins ? Used RESTful API with JSON for extracting Network

traffic/Memory performance information. ? Created database using MySQL, wrote several queries and used FLASK to extract data from database. ? Created specific images using Python Imaging Library for the custom images used for each book. ? Effectively communicated with the external vendors to resolve queries. ? Used GIT for the version control.

Education Master's Skills AMAZON WEB SERVICES, Hadoop, BOOTSTRAP, REACTJS, JSON, MySQL, Javascript

Additional Information SKILLS Python Scala SQL PL/SQL SAS PEP8 PIP Spark Requests Scrapy SQLAlchemy BeautifulSoup NumPy SciPy matplotlib EmberJS ReactJS Bootstrap Big Data Hadoop technologies Linux Unix AJAX JQuery JSON XML XSLT LDAP OAuth SOAP REST Selenium Splinter PyChecker Komodo PyCharm PyScripter PyShield Spyder Jupyter MySQL Teradata SQL Server InfluxDB MongoDB IntelliJ Kafka Swagger OpenStack Amazon Web Services (AWS) Microsoft Azure NumPy PyDev Data pipelines

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