Veera Gopisetty

Forthworth,texas
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• 7+ years of experience in Development, Management, and Implementation of various stand - alone, client-server enterprise applications using Python scripting and Django.

• Good knowledge in maintaining various version controls systems such as SVN (Centralized Version Control System) and GIT (Distributed Version Control System).

• Expertise in AWS Cloud platform and its features which includes EC2, AMI, EBS Cloud watch, AWS Config, Auto-scaling, IAM user management and AWS S3.

• Good experience in developing web applications implementing Model View Control architecture using Django and Flask web application frameworks.

• Good knowledge in GUI frameworks - Python.

• Involved in Developing a Restful service using python Flask framework.

• Made Django web-based apps for Insurance premium calculations.

• Developed entire frontend and back-end modules using python on Django Web Framework with GIT

• Successfully Migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity.

• Proficient in using Confidential Web Services AWS. Extensive experience focusing on services like EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Confidential RDS, Elastic Cache, SNS, SQS.

• Knowledge of the Software Development Life Cycle (SDLC), Agile and Waterfall Methodologies and active participation in full development life cycle (includes requirements, design, architecture, development, Implementation, and testing).

• Experienced in SQL technologies like MongoDB, Cassandra, Redis and relational databases like Oracle, SQL Lite, PostgreSQL and MySQL databases.

• Experienced in Working on Big Data Integration and Analytics based on Hadoop.

• Good knowledge of using IDE Tools like Eclipse, Visual Studio, PyCharm and Jupyter notebook.

• Experienced in using Python libraries like NumPy, SciPy, matplotlib, urllib2, and MySQL for database connectivity.

• Good experience working with data analytics and Excel data extracts in a Python based environment.

• Experience in UNIX and Linux shell environments using command line utilities.

• Experience with Unit Testing/ Test Driven Development (TDD), Load Testing and Integration Testing.

• Good experience on MongoDB scaling across data centers and/or in-depth understanding of MongoDB HA strategies, including replica sets.

• Experienced with Jenkins methodologies includes CI (Continuous Integration) and CD.

• Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database.

• Familiar with tools including Jira and Rally.

• Implemented machine learning algorithms in Spark and Python, for segmentation of data.

• Experience in implementation of MVC/ MVW architecture using Django, and RESTful, SOAP web service and SOAPUI.

• Proficiency in Agile Methodologies, Scrum stories and sprints experience in a Python-based environment, along with data analytics, data wrangling, and Excel data extracts.

Work Experience

Python AWS Developer
Charles Schwab
March 2020 to Present

Responsibilities:
➢ Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash.

➢ Having Knowledge on AWS Lambda, Auto scaling, Cloud Front, RDS, Route53, AWS SNS, SQS, SES.

➢ Gained Knowledge on Deploying apps using AWS Cloud Formation.

➢ Written Cloud formation templates and deployed AWS resourcing.

➢ Build application and database servers using AWS EC2 and create AMIs also using RDS for Oracle DB.

➢ Managed, developed and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL and VMWare API calls.

➢ Developed the required XML Schema documents and implemented the framework for parsing XML documents.

➢ Design, build and manage the ELK (Elasticsearch, Logstash, graphite, Kibana) cluster for centralized logging and search functionalities for the App.

➢ Utilizing MEAN stack (MongoDB/AngularJS) and JSON for data transfer and technologies related to server-side scripting.

➢ Managed and reviewed Hadoop log file and worked in analyzing SQL scripts and designed the solution for the process using Pyspark.

➢ Developed applications using RESTful architecture using Node.js and Python as backend languages and Used Numpy for Numerical analysis.

➢ Developed custom consumers and producers for Apache Kafka in Go (Golang) for cars monitoring system.

➢ Designed the real-time analytics and ingestion platform using Storm and Kafka. Wrote Storm topology to accept the events from Kafka producer and emit into Cassandra DB.

➢ Extensively used python modules such as requests, urllib, urllib 2 for web crawling.

➢ Written with object-oriented Python, Flask, SQL, Beautiful Soup, httplib2, Jinja2, HTML/CSS, Bootstrap, jQuery, Linux, Sublime Text, git.

➢ Experience in using various version control systems like Git, CVS, GitHub, Heroku and Amazon EC2.

➢ Created Git repository and added the project to GitHub

➢ Used Pandas library for statistical Analysis. Worked on Python Open stack API's.

➢ Developed UI using HTML, AJAX, JavaScript and jQuery UI, Used MySQL as backend database and MySQL dB of python as database connector to interact with MySQL server.

➢ Used Agile Methodology and SCRUM Process.

➢ Worked with the Stakeholders, gathered requirements developed High level design Detail design documents.

➢ Re-engineered various modules for implementing changes and creating efficient system.

➢ Designed and developed components using Python with Django framework. Implemented code in python to retrieve and manipulate data.

➢ Implemented database access using Django ORM.

➢ Used Restful APIs to access data from different suppliers

➢ Utilized Python in the handling of all hits on Django, Redis, and other applications.

➢ Build all database mapping classes using Django models.

➢ Developed object-oriented programming to enhance company product management.

➢ Was involved in environment code installation as well as the SVN implementation.

➢ Responsible for debugging and troubleshooting the web application.

➢ Created unit test/regression test framework for working/new code.

Environment: Python, JSON, REST, AWS, Hadoop framework, HTML, MVT, Django, Ajax, PyQT, PyUnit, PL/SQL, and Oracle, Mongo DB, SQL Developer

Python AWS Engineer
Mphasis
January 2017 to February 2020

Responsibilities:
➢ Developed application logic using Python.

➢ Used JMS for updating Mailing plans and tracking them.

➢ Used AWS services to create AWS Lambda functions, EC2 Clusters and S3 buckets for storage.

➢ Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.

➢ Created Python scripts to totally automate AWS services which includes web servers, ELB, Cloud Front distribution, database, EC2 and database security groups, S3 bucket and application configuration, this script creates stacks, single servers, or joins web servers to stacks.

➢ Proficient using Python packages such as NumPy, SciPy, Requests, matplotlib, Pickle, Pandas, Fragment.

➢ Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash.

➢ Created a best practice Build environment using Jenkins, immutable instances, and AWS.

➢ Designed and managed API system deployment using fast http server and Amazon AWS architecture.

➢ Designed and maintained databases using Python and developed Python-based API (RESTful Web Service) using Flask and Oracle 10g.

➢ Develop consumer-based features and applications using Python, Flask, HTML and Test-Driven Development (TDD).

➢ Used ORM to avoid the duplication of data and reduce the cost of maintenance.

➢ Configured JMS Modules, SAF Agents, SAF Modules, using Configuration Management Process using Ansible.

➢ Setting up continuous integration and formal builds using Jenkins with GIT repository.

➢ Wrote python scripts to parse XML documents and load the data in database.

➢ Helped implement the DAL layer of Web API using Entity Framework 5.

Environment: Python, AWS, HTML/CSS, MySQL, PL/SQL, JDBC, Jenkins, Unix Shell Scripting, TCP/IP, SNMP, GIT, Red Hat Linux, AWS.

Python Developer
IBM - Bengaluru, Karnataka
September 2015 to December 2016

Responsibilities:
➢ Worked on requirement gathering and High-level design.

➢ Used Python scripts to update content in the database and manipulate files.

➢ Converted Visual Basic Application to Python and MSQL.

➢ Used HTML/CSS and JavaScript for UI development.

➢ Developed object-oriented programming to enhance company product management.

➢ Utilized Python in the handling of all hits on Django, Redis, and other applications.

➢ Used several Python libraries like python, NumPy and matplotlib.

➢ Was involved in environment code installation as well as the SVN implementation.

➢ Created unit test/regression test framework for working/new code.

➢ Responsible for debugging and troubleshooting the web application.

➢ Build all database mapping classes using Django models.

Environment: Python, SVN, Eclipse, Java Script, XML, Linux, Bugzilla, HTML5/CSS.

Skills / IT Skills

- Frameworks
- PyCharm, Visual Studio, Jupyter and Eclipse.
- Cloud Technology
- Jenkins
- MySQL 5.1, SQL Server 2008 and Oracle 10g.
- Python, C++, SQL and Shell Script.
- Continuous Integration Tools
- Defect Tracking Tools & Methodologies Jira, Rally Agile, Waterfall
- Version Control Tools
- Databases
- IDE Tools
- Windows, LINUX and UNIX.
- Build Tools
- Subversion (SVN), Git.
- AWS
- Operating Systems
- Ant, Maven.
- Languages
- Django, Flask.
- Python
- JavaScript
- HTML5
- MySQL
- Django

- Agile
- MongoDB