

Python developer Python developer Python developer - Quantitative systems Austin, TX \* Over 4+ years of IT Experience in designing, developing, testing and implementing of various stand-alone and client-server architecture-based enterprise application software in Python on different domains.

- \* Design and Developed Web Services, RESTful API's for Mobile Apps using Python Django-REST and Flask Frameworks on Nginx and UWSGI servers.
- \* Experience working with Redis, RabbitMQ for task queues and Celery to manage Asynchronous tasks.
- \* Used some Testing Frameworks like JUnit, TestNG, ROBOT, JXL, JTest.
- \* Skilled experience in Python with proven expertise in using new tools and technical developments (libraries used: matplotlib, NumPy, BeautifulSoup, Jupyter, SciPy, Pickle, PySide, python-twitter, Pandas data frame, network, urllib2, MySQL dB for database connectivity) to drive improvements throughout entire software development lifecycle.
- \* Rewrite existing Python/C++/ Java module to deliver certain format of data.
- \* Good Experience in Linux Bash scripting and following PEP Guidelines in Python.
- \* Using Django evolution and manual SQL modifications was able to modify Django models while retaining all data, while site was in production mode.
- \* Experienced in monitoring, developing and transforming data using SQL Server Integration Service (SSIS) and SQL Server Analysis Service (SSAS)
- \* Experienced with databases using ORMs/DOMs for integrating with MySQL, Postgres, Neo4J, MongoDB, and Cassandra SQLite. Also, experienced with writing custom queries through database connectors.
- \* Developed GUI using AJAX, , JavaScript and jQuery.
- \* Strong Expertise in MySQL, PostgreSQL and NO-SQL databases like Mongo DB and Couch DB.
- \* Configure backup, alerts, repairs and monitoring of Cassandra clusters, in conjunction with Nagios/OpsCenter and custom scripts.
- \* Extensive experience in deploying, managing and developing MongoDB, DynamoDB clusters.
- \* Good experience in Hadoop technologies like Apache Spark, Scala, and SparkSQL.
- \* Good Knowledge of web services using SOAP and REST protocols.
- \* Experience in working with Python ORM Libraries including Django, bootstrap, AngularJs, Hibernate, Node.JS ORM, SQL Alchemy.
- \* Expertise in working with GUI frameworks - PyJamas, Jython.
- \* Good idea about testing tools like AxoSoft, Bugzilla and JIRA.
- \* Experienced in working with various Python Integrated Development Environments like NetBeans, PyCharm, PyDev and Sublime Text.
- \* Good knowledge of version control software - CVS, GitHub,

SVN. \* Good experience in Shell Scripting, SQL Server, UNIX and Linux, Open stock and Expertise python scripting with focus on DevOps tools, CI/CD and AWS Cloud Architecture. \* Excellent experience with Python development under Linux OS (Debian, Ubuntu, CentOS SUSE Linux, Red Hat Linux, Fedora) Work Experience Python developer Quantitative systems - Austin, TX May 2017 to Present Responsibilities: \* Developed and designed an API (RESTful Web Service) \* performed all backend tasks from OPS up to the REST API interface/Portal frontend single handedly. \* Development of Python APIs to dump the array structures in the Processor at the failure point for debugging. \* Developed an API that asynchronously distributes task using RabbitMQ and Celery. \* Environments using Python 2.7 and made a Celery action using REST API call. \* Creating restful web services for Catalog and Pricing with Django MVT, Jersey, MySQL, and MongoDB. \* Managed, developed, and designed a dashboard control panel for customers and Administrators using Django and VMWare API calls. \* Developed user interface using CSS, HTML, Bootstrap, JavaScript, AngularJS and jQuery. \* Worked under Agile/Scrum environment and handled production rollouts and issues. \* Exposure on Multi-Threading factory to distribute learning process back-testing and the various worker processes. Lock mechanisms were implemented, and the functionality of multithreading has been used. Wrote unit tests and did code reviews. \* Wrote Python normalizations scripts to find duplicate data in different environments. \* Developed the required XML Schema documents and implemented the framework for parsing XML documents. \* Wrote scripts to Import and Export data to CSV, EXCEL formats from different. \* Added support for Amazon AWSS3 and RDS to host static/media files and the database into Amazon Cloud. \* Writing Python scripts with Cloud Formation templates to automate installation of Auto scaling, EC2, VPC, DynamoDB, Beautiful soup and other services. \* Responsible for user validations on client side as well as server side. \* Automated the existing scripts for performance calculations using NumPy, SciPy and SQL alchemy \* Experienced in working with various Python Integrated Development Environments like NetBeans, PyCharm, PyDev and Sublime Text. \* Used GIT and JENKINS for continuous integration and deployment. Environment: Python 2.7, Django 1.8, MongoDB, PyDev, DynamoDB, HTML, Beautiful soup, NumPy, SciPy MySQL, AJAX, SOAP, REST, Scrum, Agile

jQuery, JavaScript, NetBeans, Bootstrap, GIT, AWS (EC2, S3, EBS, RDS) Python programmer  
Verizon - Tampa, FL December 2015 to March 2017 Responsibilities: \* Experience in analysis, design, development and maintenance of the web applications with some experience in Linux OS. \* Built application logic using Python 2.7, Django and MySQL \* Worked with good enough third-party Django apps, like South, DJ celery, Django-all-auth, tasty pie and Django rest frameworks \* Created Shell scripts for build automation and deployment onto various environments without any manual efforts \* Used some Testing Frameworks like Junit, TestNG, ROBOT, JXL, JTest. \* Good idea about testing tools like AxoSoft, Bugzilla and JIRA. \* Used Tkinter to create Desktop applications to solve company's internal problems. \* Experience working with virtual environments like Vagrant. \* Developed GUI using AJAX, , JavaScript and jQuery. \* Worked on AngularJS and other Search modules API's. \* Used RESTful Web Services in the application development. \* Used Restful Web services for integration with many monitoring devices. \* Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval. \* Designed and developed data management system using MySQL. \* Developed and tested websites using MEAN (MongoDB, Express, AngularJS, Node.js) stack. \* Have been using High charts and D3.js for creating charts of payment section. \* Utilized MEAN stack, REST design pattern, MVC framework and Single Page Applications framework based on AngularJS. \* Generated an API Reference guide to help application developers for creating the software applications to store data using DDN S3 (compatible with Amazon S3 API) or DDN OpenStack Swift API calls. \* Designed and configured database and backend applications and programs. \* Used the Python's modules mat plotid etc. for generating complex graphical data, creation of histograms etc. \* Creating unit test/regression test framework for working/new code. \* Responsible for debugging and troubleshooting the web application. \* Developed, tested and debugged software tools utilized by clients and internal customers. \* Designed and configured database and backend applications and programs. Environment: Python 2.7, Django 1.6, Linux, Shell Script, javascript, HTML, CSS jQuery, Bugzilla, JIRA Axosoft, Java Script Junit, TestNG, ROBOT, JXL, JTest, Open stack, MySQL, Apache, and SVN. Jr. Python programmer RANDSTAD - Houston, TX December

2014 to November 2015 Responsibilities: \* Responsible for gathering requirements, system analysis, design, development, testing, deployment and Implementation of various stand-alone, client-server enterprise applications. \* Developed Desktop applications using Tkinter framework to ease few internal problems. \* Developed API's for mobile applications for OS's like Android, IOS, MacOS, Blackberry and windows. \* Handling large data sets using cloud bash. \* Developed rich user interface using CSS, HTML, JavaScript and jQuery. \* Used JSON for serialization, transmitting structured data over a network connection. \* Used Django, Flask and web2py frameworks for different internal applications. \* Created database using MySQL, wrote several queries and Django API's to extract data from database. \* Experience working with NoSQL database like MongoDB and CouchDB. \* Migrating data from MySQL to Mongo DB. \* Developed/Maintained scalable mobile app tracking and processing modules using Python and S3. \* Started developing with Django 0.96 and currently developing with Django 1.0 \* Deployed production site using Apache 2.0 with mod python. \* Designed and developed data management system using MySQL. \* Successfully migrated the Django database from SQLite to MySQL to Postgres SQL with complete data integrity. \* Rewrite existing Python/C++/ Java module to deliver certain format of data. \* Wrote python scripts to parse XML documents and load the data in database. \* Using Django evolution and manual SQL modifications was able to modify Django models while retaining all data, while site was in production mode. \* Used Django Database API's to access database objects. \* Used RESTful Web Services to read the XML content from suppliers.' \* Integrated the application with different internal system. \* Used SVN and GIT for the version control. \* Effectively communicated with the external vendors to resolve queries. Environment: C++, Django 1.4/1.5, FLASK, Web2py, MySQL, Windows, MAC OS X, mongo DB Shell Script, HTML, CSS, jQuery, AJAX, JavaScript, GIT, SVN, Apache. Education Master's Skills CSS (4 years), DATABASE (4 years), DEPLOYMENT (4 years), DJANGO (4 years), HTML (4 years) Additional Information TECHNICAL SKILLS: Primary Languages: Python 2.7, Core Java, C, C++ Web Technologies: HTML, CSS, DHTML, XML, javascript Python Libraries: Beautiful Soup, NumPy, SciPy, matplotlib, python-twitter, Pandas data frame, urllib2. Deployment tools: MS Azure, Heroku, Amazon Web Services (EC2, S3, EBS, ELB, SES) Frameworks:

Bootstrap, Django, AngularJs, Node.JS, Flask, PyJamas, Pyramid, Hibernate. Operating systems: Windows, Mac, Fedora Linux, Red hat Linux. Database: Sqlite3, MSSQL, MySQL, Mongo DB, DynamoDB, Oracle 11g. SDLC Methods: SCRUM, Agile IDE's: PyCharm, Eclipse, NetBeans, MS Visual Studio, PyDev, RIDE. Testing Frameworks: Junit, TestNG, ROBOT, JXL, JTest. Bug Tracking Tools: Axosoft, JIRA, Bugzilla, Rational Clear-quest. Version Control: VSS, SVN, GitHub, Git.

Name: Matthew Anderson

Email: kimberly17@example.org

Phone: +1-511-847-1123x3553