

Sr. Python developer Sr. Python developer Sr. Python developer - AT&T - TX 6+ years of experience in developing web-based applications, software development and design using Python, Django, XML, CSS, HTML, C++, DHTML, Java, JavaScript, jQuery and AngularJS. Experience in IT industry with proficiency in Analysis, Design & Development Testing of Enterprise Applications and Database Development using, Python, Django, Flask and SQL projects. Experienced in complete Software Development Life Cycle, and major aspects of technological projects including Requirement Analysis, Design, Development, Database Design, Deployment, Testing, Debugging, and Application Maintenance. Experience of dealing with various development methodologies like Waterfall, Scrum, and Agile. Experienced with WAMP (Windows, Apache, MySQL, and Python/PHP) and LAMP (Linux, Apache, MySQL, and Python/PHP) Architecture. Experience of using Python modules like NumPy, Matplotlib, Pickle, Pandas, SciPy, wxPython, Pytables, PyQt, etc., for generating complex graphical data, creation of histograms, etc. Skilled in Object-Oriented Design and Programming using Python and C++. Experienced in implementing Model View Control (MVC) architecture using server-side applications like Django and Flask for developing web applications. Experienced with JSON based RESTful web services, and XML based SOAP web services. Worked on various applications using python integrated IDEs like Eclipse, IntelliJ, Sublime Text and PyCharm. Experience of working with relational databases like Oracle, SQLite, PostgreSQL, MySQL, DB2 and non-relational databases like MongoDB and Cassandra. Proficient in developing complex SQL Queries, Stored Procedures, Triggers, Cursors, Functions, and Packages along with performing DDL and DML operations on the database. Written and developed scripts for automating tasks using Jenkins and UNIX shell scripting. Experience in project deployment using Heroku, Jenkins and Amazon Web Services (AWS). Worked on various Operating Systems like UNIX, Linux, Windows, and Mac OS. Experienced with version control systems like Git, GitHub, CVS, and SVN to keep the versions and configurations of the code organized. Experienced with Unit Testing, System Integration Testing (SIT) and User Acceptance Testing (UAT). Worked on JIRA for bug tracking and communicating for better results Strong Experience in Big data technologies including Apache Spark, Hadoop, HDFS, Hive, MongoDB.

Work Experience Sr. Python developer AT&T - TX October 2017 to Present Responsibilities:

Participate in requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users Worked with team of developers on Python applications for RISK management Developed Python application for Google Analytics aggregation and reporting Worked on Python Open stack API's used Python scripts to update content in the database and manipulate files Implemented machine learning schemes using Python libraries scikit-learn and SciPy. Experience in MVC architecture using Django for web-based application in OOP concepts. Worked on several python packages like Matplotlib, cx_Freeze, Pillow, NumPy, sockets. Worked on ETL Processing which consists of data transformation, data sourcing and mapping, Conversion and loading. Worked on design and development of Unix Shell Scripting as a part of the ETL Process to automate the process of loading. Worked on ETL tasks like pulling, pushing data from and too various servers. Tested and evaluated results for inclusion into software product. Designed and deployed machine learning solutions in Python to classify millions of previously unclassified Twitter users into core data product Used Pandas API to put the data as time series and tabular form for east timestamp data manipulation and retrieval to handle time series data and do data manipulation Used Pandas library for statistical Analysis using R Studio Automating Email Process, Downloading and uploading the files through Perl Scripting. Worked on front end frame works like CSS, Bootstrap for development of Web application. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly interface using MVC architecture. Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content. Integrate the dynamic pages with Angular JS and j-query to make the pages dynamic Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met Used Machine learning techniques like unsupervised Classification, optimization and prediction. Worked on Python open stack API's Using Subversion version control tool to coordinate team-development. Responsible for debugging and troubleshooting the web application. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS

and JavaScript, also used Bootstrap as a mechanism to manage and organize the html page layout

Wrote and executed various MYSQL database queries from Python using Python-MYSQL connector and MySQL db package Associated with working cloud computing platforms like open stack. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. Worked on development of SQL and stored procedures on MYSQL Engaged in Design, Development, Deployment, Testing and Implementation. Responsible for debugging the project monitored on JIRA (Agile) Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team Python developer Verizon July 2015 to September 2017 Responsibilities Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.

Designed the architecture of the hardware environments and methodology of the code. Developed multi-threaded standalone app in Python, to view Circuit parameters and performance. Worked with team of developers on Python applications for RISK management. Worked with various Python libraries such as Six, Click Pandas and Matplotlib for analysis and manipulation of data. Developed web applications in Django Framework's model view control (MVC) architecture and manipulated databases by using Django database API along with MySQL. Created a Python, Django web-based application using Python scripting for data processing and MySQL for database, HTML5, CSS and jQuery for data visualization. Developed entire frontend and backend modules using Python on Django Web Framework. Provided GUI utilizing PyQt for the end user to create, modify and view reports based on client data. Designed and developed a horizontally scalable APIs using Python Flask. Using Amazon EC2 command line interface along with Bash/ Python to automate repetitive work. Worked with View Sets in Django-REST framework for providing web services and consumed web services performing CRUD operations. Used Pandas library for statistical Analysis. Designed and Developed User Interface using front-end technologies like HTML5, CSS3, JavaScript, Bootstrap and JSON. Integrate the dynamic pages with Angular.JS

and jQuery to make the pages dynamic. Worked in an agile development environment. Created multiple Python and UNIX shell Scripts for various application level tasks. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. Wrote and executed various MySQL database queries from Python using Python-MySQL connector and MySQL dB package. Developed weekly, monthly nightly job process through UNIX shell scripting. Responsible for debugging and troubleshooting the web application. Python developer Alphabet - CA February 2013 to June 2015 Responsibilities Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web-based solution. Responsible for gathering requirements, system analysis, design, development, testing and deployment. Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators, and production to ensure production deadlines are met. Responsible for setting up Python REST API framework using Django. Developed views and templates with Python and Django view controller and templating language to create a user-friendly website interface. Developed web applications in Django Framework model view control (MVC) architecture. Worked on several standard Python packages like NumPy, matplotlib, SciPy, Pandas, Pytables etc. Worked on UI using HTML5, CSS3 and Java Scripts. Created User Controls and simple animations using Java Script and Python. Involved in Python OOP code for quality, logging, monitoring, and debugging code optimization. Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Developed multi-threaded standalone app in Python, PHP, C++ to view Circuit parameters and performance. Developed Python batch processors to consume and produce various feeds. Design and documentation of REST APIs using Django Rest framework for collection and retrieval of high-volume data which is results of search query. Developed entire frontend and backend modules using Python on Django Web Framework. Developed Business Logic using Python on Django Web Framework. Developed Merge jobs in Python to extract and load data into MySQL database. Successfully migrated the Django database from SQLite to

MySQL with complete data integrity. Created Python scripts to automate AWS services which include web servers, ELB, Cloud Front distribution, database, EC2 and database security groups, S3 bucket and application configuration. Worked on frontend frameworks like Angular.js. Created PHP/MySQL back-end for data entry from Flash. Used jQuery and Ajax calls for transmitting JSON data objects between frontend and controllers. Used jQuery for selecting DOM elements when parsing HTML. Implemented multiple high-performance MongoDB replica sets on EC2 with robust reliability. Used GitHub for version control. Developed SQL Queries, Stored Procedures, and Triggers Using Oracle, SQL and PL/SQL. Attended everyday Enterprise Workflow Stand-Up meeting to provide current status, thus implementing Agile (Scrum) Methodology with Test Driven Development. Education Bachelor's

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