Software Developer Software Developer Software Developer - IBM Austin, TX Python Developer:

5+Year's experience as a Python Developer and have handful of experience in coding with analytical programming using Python, Django, and R. Developed entire frontend and backend modules using Python on Django Web Framework. Experienced in Software development life cycle and architecting scalable platforms, object-oriented programming, database design and agile methodologies. Experienced in installing, configuring, modifying, testing, and deploying applications with Apache. Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript Experienced in WAMP (Windows, Apache, MYSQL, and Python/PHP) and LAMP (Linux, Apache, MySQL, and Python/PHP) Architecture 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. Excellent Experience of Databases such as MySQL, Oracle 8g/9g/10g, Microsoft SQL Server, PostgreSQL, SQL/PLSQL concepts & PowerShell. Familiar with JSON based REST Web services and Amazon Web services (AWS) Good experience with cloud platforms like Amazon AWS and Google App Engine. Good hands on experience in data warehouse developer/ database engineer for high-volume data processing. Experience with the Android-SDK and implemented Android Bluetooth and Location Connectivity components. Expert in Cand C++ languages. Written C and C++ applications and also migrated many legacy applications to Python Knowledge in Linux/Unix system Administration, System Builds, Server Builds, Installations, Upgrades, Patches, Migration, troubleshooting. Worked on different Linux distributions like Ubuntu, RHEL, Amazon Linux, CentOS. Experience with installation, configuration, supporting and managing of BigData and underlying infrastructure of Hadoop Cluster.

 Experienced in R programming, mainly with statistical inference, handson experience withSampling technique, Estimation, Hypothesis testing, Timeseries, Correlation, and Regression analysis (linear Regression,Logistic Regression,ecision trees and forecasting) Experiencein datawarehousing, data mapping,extraction, transformation, and validation from heterogeneous sources in R. Experiencewith R packagesand familiar with clustering analysis, parallel processingin R Good

written and verbal communications skills and Excellent Team player. Work Experience Software Developer IBM - Austin, TX December 2018 to Present Responsibilities: Responsible for design, develop, and implement efficient information systems and operations system in support of core enterprise functions.   Understanding business requirement and working closely with client to gain organizational commitment for all systems and software plans required to complete. Troubleshooting and supporting many of SoftLayer's products and tools to improve performance. Using Python libraries like pandas and Numpy with Watson Natural Language understanding for analyzing customer satisfaction.   Implementing topic modelling from customer ticket description in IMS and service-now using Topic Modelling libraries.   Worked on migrating MapReduce programs into Spark transformations using Spark and Scala, initially done using Python (PySpark)   Creating test cases to provision the resources in cloud and monitor the resource in system to detect and resolve problems in pre-prod environment before deploying into production.   Running the smoke tests using Terraform and Kubernetes by provisioning and deprovisioning the resources. Scheduling cron-jobs using Kubernetes to pull metrics and export them to Grafana dashboard to monitor in case of failure.   Consistently meet deadlines for complex issues and new projects involving multiple teams and develop and maintain accurate documentation for internal procedures and services.   Experience in branching, tagging and maintaining the version control and source code management tools like GIT(GitHub) on Linux and Windows platforms. Environment: Python 2.7, 3.5, IBM Cloud, MS SQL Server 2013, MySQL, Eclipse, Docker, Unix, Linux, Red hat Linux, Shell Scripting,Splunk,JQuery, GitHub, Jira. Python Developer Vanguard - Malvern, PA September 2017 to November 2018 Responsibilities: Used Django Framework for developing web applications using model view control architecture.   Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB and VMWare API calls.   Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Django framework and python conducting code reviews. Developed entire frontend and backend modules using Python scripting on Django Web Framework.   Involved in building database Model, APIs, and Views utilizing Python technologies to build

web-based applications.   Handled potential points of failure through error handling and communication of failure.   Performed efficient delivery of code based on principles of Test-Driven Development (TDD) and continuous integration to keep in line with Agile Software Methodology principles.   Different testing methodologies like unit testing, Integration testing.   Test and validated the custom scripts.   Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python.   Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.   Used Pandas library for statistics Analysisand Matplotlib for Numerical analysis and Visualization for Insurance premium. Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.   Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.   Used Redshift service from the AWS to create design and implement table structures.   Experience in branching, tagging and maintaining the version control and source code management tools like GIT(GitHub) on Linux and Windows platforms.   Responsible for Patching Linux Servers. Installed removed and updated and querying packages using Red Hat Linux.   Environment: Python 2.7, Django, HTML5/CSS, MS SQL Server 2013, MySQL, MongoDB,Amazon AWS S3, AWS,C++, JavaScript, Eclipse, Docker, Unix, Linux,Red hat Linux, Shell Scripting,Splunk,JQuery, GitHub, Jira. Python developer Verizon - Freehold, NJ November 2016 to September 2017 Responsibilities: Participated in requirement gathering and worked closely with the architect in designing and modeling.   Wrote scripts in Python for extracting data from HTML file. Developed dynamic web pages using Flask frameworks.   Generated Python Flask forms to record data of online users. Designed web pages using HTML.   Wrote Python scripts to parse XML documents and load the data in database. Interlinked different web pages and database tables using Python and Flask micro framework.   Responsible for setting up Python REST API (Micro services) using Flask.   Used Pandas and Scikit-Learn for Data modeling.   Supported a variety of NoSQL databases and file systems with Apache Drill.   Created database tables using NoSQL to store user data including login credentials and contact information.   Exported data between different data sources using SQL Server Management Studio   Used PyCharm for

programming using Python.   Managing and reviewing Hadoop log files.   Experience in dealing with Apache Hadoop components like HDFS, MapReduce, Sqoop and Spark.   Maintain the Data lake in Hadoop by building data pipe line using Sqoop, Hive and PySpark   Worked on migrating MapReduce programs into Spark transformations using Spark and Scala, initially done using Python (PySpark)   Used Git/GitHub for tracking changes in various files and coordinating work on those files among multiple people in the project team.   Worked on spinning up the infrastructure and handing it over to the Developers, testers and operations teams based on the needs in AWS. Involved in CI/CD process using GIT, Jenkins job creation to build the application.   Integrated the test suites to Jenkins to execute them automatically after every successful deployment.

Environment: Python 2.6/2.7, JavaScript, Django Framework 1.3, CSS, SQL, MySQL,Nosql, LAMP, Cassandra, JQuery, Hadoop,AWS, Adobe, PySpark, Dreamweaver, Apache web server, Jenkins.

State Farm - Bloomington, IL February 2016 to October 2016 Role: R analytics Business Intelligence & Data Integration Unit   Responsibilities: Worked on Insurance policy center- Auto, Propertyand Claims data using Rand Business Objects   Participated in requirement analysis by gatheringclient requirements, business needs and project objectives, via feedback sessions and client meetings, in collaboration with all stakeholders   Worked on validating the data accuracy, completeness of the data in Operational data storage   Worked on Adhoc BI reporting and statistical modeling &analysis requests on underwriting issues like measuring the time to resolve an issue, root cause analysis (regression analysis) for cancellation due to underwriting issue using R and Python.

  Managing and Deploying the Windows Azure based applications.   Developed and migrated servers, relational databases (SQL) &websites to Microsoft Azure cloud.   Worked with ETL processes to transfer/migrate data from relational database and flat files common staging tables in various formats to meaningful data.   Expert in Data Extraction, Transforming and Loading (ETL) using SQL Server Integration Services (SSIS), Log Shipping and Bulk Insert   Worked on text mining solution to find claims assigned to fieldclaim handlers that could be worked in the office. Developed different statistics for the analysis and reduction of policy Quote processing time using R

    Environment: R, Oracle, Teradata, SQL, MS SQL Server Integration Services (SSIS), DB2,

STATISTICA, Windows 7 and Linux Jr Python developer Mouritech - Hyderabad, Telangana August 2013 to December 2015 Responsibilities: Performed design, involved in code reviews and wrote unit tests in python Worked on tuples, dictionaries, object-oriented concepts-based inheritance features for making algorithms Designed and developed data management system using MySQL Worked on UI using HTML, CSS and JavaScript Used Git for version control Monitored and troubleshot web applications Performed data analysis, manipulation and reporting using pivot tables and advanced functions in MS excel. Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM). Experience in Linux Administration (Installation, Configuration, Tuning and Upgrades of Linux (Red Hat and Oracle). Installing and Upgrading Red Hat Enterprise Linux on Physical and Virtual Machines. Environment: python 2.7, PyQT, .NET, PyQuery, MVW, HTML5, Shell Scripting, JSON, Rest, Apache Web Server, SQL, LINUX, UNIX, Windows, PostgreSQL, and python libraries such as Numpy, SQL-Alchemy, etc. Education Masters in Engineering Management Trine University 2016 to 2017 Bachelors in computer science JNTU 2010 to 2014 Skills Db2, Ms access, Sql server, Mysql, Oracle

Name: Daniel Fitzgerald

Email: jhernandez@example.net

Phone: (433)407-3229x363