Python Developer Python Developer Python Developer - Risk Climate Kalamazoo, MI   Four years of experience in Analysis, Design, Development, Testing, Bug fixes, Enhancement, Support and Implementation of web, stand-alone, client-server enterprise applications using Python in various domains.   Experienced with Object Oriented Programming, Software Development Life Cycle, Database designs, Agile methodologies, coding and testing of enterprise applications.   Good Understanding of object-oriented programming (OOP) concepts using Python.   Experience in Linux, Apache, MySQL, and Python and Windows Architecture.   Experienced in writing Sub Queries, Stored Procedures, Triggers, functions on SQL, MySQL databases.   Experience in using different Python libraries like Pandas, Numpy, pymssql, matplotlib etc.   Good experience in working with various Python Integrated Development Environments like PyCharm, PyScripter, Spyder, PyStudio, PyDev and automation testing tools like PyUnit and Selenium.   Experienced in Python's modules numpy, matplotlib, etc. for generating complex graphical data, creation of histograms etc. Experience in developing web-based applications using Python 2.7/2.6, Django 1.4/1.3, HTML/HTML5, CSS/CSS3, JavaScript, and JSON.   Familiar and Worked on various Operating Systems like Mac, Windows, UNIX, and Linux.   Knowledge of Servers, Apache Tomcat. Exceptionally solid background in composing API's along with Web Services over Python.   Good in Unit testing/ Test-driven Development (TDD), Load Testing and Integration Testing.   Experienced in using SVNand GIT.   Expertise in practicing the SDLC models, Agile methods with Scrum. Involved in database-driven web application development using a variety of frameworks such as Django on Python.   Experience in using UNIX shell Scripts for automating batch programs.   Good at using JSON based REST Web services.   Performed code reviews and implemented best Pythonic programming practices   Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.   Ability to work on own initiative and as a part of team. Willingness to learn new technologies, openness to new ideas and ability to learn very quickly. Work Experience Python Developer Risk Climate - Kalamazoo, MI January 2019 to Present Responsibilities: Involved in MVP software development (using Python 3.7) related to Enterprise Risk Management (ERM),

strategic visualization and virtual analytics, powdered by Artificial Intelligence and Machine Learning

Designing, developing and testing the ERM software using AGILE methodology   Current professional development includes Bayesian probability theory and neural networks   Exposure to related languages includes NumPy, Pandas, BayesianPy, Tkinter.   Developing Python Script for moving files from Dropbox to Amazon server.   Writing Python Scripts for loading data from CSV files into the database tables.   Currently working with version control systems such as Git and SVN for maintaining a consistent state throughout the application development process.   Involved in database-driven web application development using a variety of frameworks such as Django on Python.   Developing UI for handling different phases of exceptions for the data in SQL Server database and fix them.   Following the best practice of Python such as PEP-8.   Developing Python scripts to execute Stored Procedures and load data from various forms of csv files into staging tables in SQL Server database.   Involved in back end development using Python with framework Flask   Developing internal project in Flask to generate report from google analytics on daily, monthly and weekly basis. Environment: Python 3.7, Django 2.0, Agile, Flask, HTTP, JSON, HTML, CSS, Pandas, GITHUB, Microsoft SQL Server, Jupyter. Python Developer US Bank - Minneapolis, MN June 2018 to January 2019 Responsibilities: Designed front end and backend of the application using Python on Django Web Framework   Used HTML, CSS, JSON designed and developed the user interface of the website.   Developed views and templates to create a user-friendly Website interface.   Utilized Python libraries with Python, numpy, pandas and matplotlib.   Used Git to keep track of multiple issues and easily switch from one task to other. AGILE (SCRUM) practices and planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings to produce quality deliverables within time.   Developed Job dashboard monitor UI using Django/Flask.   Automated JIRA processes using Python scripts. Involved in maintaining python scripts using automated testing.   Experience working with version control systems such as Git and Apache SVN for maintaining a consistent state throughout the application development process.   Involved in database-driven web application development using a variety of frameworks such as Django on Python. Environment: Python 2.6, Python, Django,

REST, HTTP, Bootstrap, JSON, HTML, CSS, Pandas, Bugzilla, SVN, Amazon Web Services (AWS)(basic). Python Developer Admission Transit System - Kalamazoo, MI July 2017 to June 2018 Responsibilities: Designed, and developed minimal viable product (MVP), using Python 3.7 Designed, and created MySQL, SQLite 3 database(s) for MVP to store, retrieve, and modify the data   Created calendar, which allows users to create, modify, and delete event(s), where the events are   stored in MySQL database   Building a cross platform software using Python that merges workflow visualization and virtual   analytics   Developing REST API, which pulls out and pushes data from/into Salesforce CRM   Contributed throughout all (completed) phases of software development to produce high quality, user friendly, bug free software   Involved in the design, development, and testing phases of application using AGILE methodology.   Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework.   Involved in the design and maintenance of the databases using Python and Python based API using Flask.   Return test cases using PyUnit and Selenium automation testing for better manipulation of test scripts.   Involved in writing application level code to interact with APIs, Web Services using JSON.   Placed data into JSON files using Python to test websites.   Involved in presenting demos to the clients and also reporting the daily and weekly status to the Project manager. Environment: Python 3.5, REST Web services, CSS, JSON, HTML, CSS, SQL, Agile, SVN, MySQL, GitHub, Linux. Python Developer Magma Fincorp Limited - Hyderabad, Telangana January 2012 to June 2014 Responsibilities: Generated property list for every application dynamically using Python.   Used Subversion version control tool to coordinate team-development.   Responsible for debugging and troubleshooting the web application.   Designed and developed database management system using MS SQL.   Rewrite existing Java, C++ application in Python. Designed the architecture of the hardware environments and methodology of the code. Experience in Agile Methodologies and SCRUM Process.   Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing   and Implementation and support.   Generated property list for every application dynamically using python.   Creating unit test/regression test framework for working/new code.   Wrote SQL, MS SQL queries for

implementing functions, triggers, and tables.   Used GIT version control tool to coordinate team-development.   Involved in maintain, testing and editing python scripts using automated testing   Handling the day to day issues and fine tuning the applications for enhanced performance.   Worked in development of applications especially in Unix environment. Environment: Python 2.7, REST Web services, C++, HTML5, CSS3, Bootstrap, JavaScript, GitHub, Flash, SQLite 3, MYSQL, MS SQL, Oracle and Windows, Linux. Education Bachelors of Technology in Information Technology JNTU University Master's in Computer Science in Computer Science Western Michigan University

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