

Python Developer Python Developer Python Developer San Antonio, TX ? Around 6 years of experience as a Web Application Developer and coding with analytical programming and client-server enterprise applications using Python, Django and flask, MySQL, Unix and Linux, JavaScript, XML. ? Proficient in Object oriented design experience, with extensive experience of Python-C/C++ binding using Boost Python and Python C types. ? Working experience in Unix and Windows systems ? Working knowledge of error and exception handling debugging using PDB, Eclipse and Pycharm. ? Experience on No-SQL databases like MongoDB, Cassandra. ? Experience in analyzing and handling large datasets using Oracle Relational database. ? Proficient in database design and management in No-SQL database Cassandra. ? Worked with bug tracking tools like BUGZILLA and JIRA. ? Good exposure on File Handling and SSH (Secure Shell). ? Excellent knowledge on IPython, NumPy, SciPy, Pygal. ? Good knowledge in maintaining various version controls systems such as SVN (Centralized Version Control System) and GIT (Distributed Version Control System). ? Experienced in LAMP (Linux, Apache, MySQL, and Python) Architecture. ? Experienced in installing, configuring, modifying, testing and deploying applications with Apache. ? Experience with Unit testing/ Test driven Development (TDD), Load Testing. ? Experience with SOAP and REST APIs. ? Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment and Excel data extracts. ? Experienced with full Software Development Life-Cycle, Object Oriented Programming, Database Design and Agile Methodologies. ? Excellent Debugging, Problem Solving, Optimization and Testing Skills. ? Highly motivated, dedicated, quick learner and have proven ability to build and manage a team and work individually. ? Maintained detailed documentation and architectural solutions in IT infrastructure and sales systems. Employer Details : Mahendar Technical Recruiter Pro-Tek Consulting Email ID : ravi@pro-tekconsulting.com Contact No : 805-918-4405 Authorized to work in the US for any employer Work Experience Python Developer Harland Clarke - San Antonio, TX November 2014 to Present Responsibilities: ? Django Framework that was used in developing web applications to implement the model view control architecture. ? Exposure on Multi-Threading factory to distribute learning process back-testing and the into various worker

processes. ? Different testing methodologies like unit testing, Integration testing and web application testing. ? Selenium testing performed. ? Design and implemented custom scripts. ? Extensive use of version controller Team Foundation Server (TFS). ? Test and validated the custom scripts. ? Delivered automated solutions for science models. ? Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, and VMWare API calls. ? Implemented configuration changes for data models. ? Maintained and updated existing automated solutions. ? Handled potential points of failure through error handling and communication of failure. ? Anticipated potential parts of failure (database, communication points, file system errors). ? Troubleshoot the process execution and worked with other team members to correct them. ? Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser. ? Responsible for user validations on client side as well as server side. ? Interacted with QA to develop test plans from high-level design documentation. Environment: Python 2.7, Django, HTML5/CSS, MS SQL Server 2013, MySQL, JavaScript, Eclipse, Linux, Shell Scripting, GitHub, Angular.JS, JIRA. Python Developer Activision Blizzard - Santa Monica, CA October 2012 to October 2014 Responsibilities: ? Automation for execution of tests in batch using Shell scripting in python. ? Development of data structures, XML parsing using Python. ? Usage of advance features like pickle/unpickle in python for sharing the information across the applications. ? Used Django database API's to access database objects. ? Rewrite existing Python/Django modules to deliver certain format of data. ? Generated graphical reports using python package Numpy and matplotlib. ? Representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs. ? Development of Python APIs to dump the array structures in the Processor at the failure point for debugging. ? Wrote programs to parse excel file and process many user data with data validations. ? Create Cassandra database to handle the user's data (server-client). ? Developed front end page using HTML, CSS, JavaScript and JQuery. ? Generated property list for every application dynamically using python. ? Collecting the several usage models and functions from the team members. ? Developing and maintenance of

the tool that abstracts the information for the user. ? Implemented multiple high performances MongoDB. ? Utilized various IDEs and internal debug tools during debugging. ? Analyzing the data in design database. ? Used SVN for version control. ? Maintaining the data with different levels of access privileges. Environment: Python, Django, Linux, HTML, CSS, MongoDB, Cassandra, Web services, SVN. Python Developer Comcast - Philadelphia, PA December 2011 to September 2012 Responsibilities: ? Create application using Django using RESTful API. ? Ensured high quality data collection and maintaining the integrity of the data. ? Cleaned data and processed third party spending data into maneuverable deliverables within specific formats with Excel macros and Python libraries. ? Was involved in environment, code installation as well as the SVN implementation. ? Build all database mapping classes using Django models. ? File handling for the client data in files like .txt file, .xlsx file for data retrieve and storing purpose. ? Graphical data representation using Numpy, SciPy, Pandas, Pygal ? Data Exchanges and sorting as per customer requirement between Database and Files like Text file to Excel file and vice versa ? Work closely with business analysts, quantitative research team, and business users to interpret the requirements and evaluate alternative solutions. ? Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval. ? Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs. ? Implemented code to perform CRUD operations on MongoDB using PyMongo module. ? Responsible for debugging and troubleshooting the web application. Environment: Python, Bugzilla, SVN, C++, Java, Mongodb, Linux, Eclipse, Shell, File handling, SSH, UNIX, Pandas Jr. Python Developer Devanshi Electronics - Vadodara, Gujarat July 2010 to October 2011 Responsibilities: ? Create a Python application for ERM system. ? Used Django web based apps for Insurance premium calculations. ? Designed and developed components using Python. ? Designed unit test framework for new code. ? Used GIT Subversion version control tool to coordinate team-development. ? Implemented database access and data manipulation functions using MySQL. ? Update and Replace Java, C++ application in Python. ? Designed the architecture of the hardware environments and methodology of the code. ? Experienced in Agile Methodologies

and SCRUM Process. ? Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. ? Used Pandas library for statistical Analysis. ? Used Numpy for Numerical analysis for Insurance premium. Environment: Python, Django, MySQL, Linux, HTML, GIT, CSS, JavaScript and Apache Web Server. Education B.Tech in Electronics and Communication Rajasthan Technical University 2010 Additional Information Technical Skills: Language: Python, C, HTML Python Framework: Django, Spring, Flask, Pandas. Database: Oracle, SQL, MySQL, MongoDB, Cassandra Version Control: Git, SVN, CVS. Web Technologies: CSS, JavaScript, XML, AJAX, JQuery, Bootstrap Technical Writing Tools: MSWord, Excel, Pages, Terminal Operating System: Windows, Linux, Unix

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