

Python Developer Python Developer Python Developer - Ellie Mae California City, CA ? Over 7+ years of experience in the development of applications/tools using Python. ? Having good experience in several python packages like NumPy, SciPy, PyTables. ? Developing Web Applications using html, JavaScript. ? Experience in Object Oriented Concepts with C, Java, and Python. ? Involved in Design, Development, Testing, Automation, Enhancement and Maintenance of Applications and Tools. ? Wrapper developed in Python for instantiating multi-threaded application and running with other applications. ? Debugging the failure issues by capturing the array and register dumps using Python scripts, traces and performing several experiments by interacting with the design team. ? Applied MVC architecture in the development of the web applications with the help of Django and Flask framework. ? Involved in the development of the applications using Python 3.3, HTML5, CSS3, AJAX, JSON and JQuery. ? Developed Views and Templates with Django view controller and template language to create an easily accessible website interface for users. ? Involved in Design, Document, Develop and unit test Batch processing applications with Spark, Hive, HBase, Map-Reduce, HDFS and Hadoop frameworks and APIs. ? 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. ? Expert in developing test plans, test cases, test specifications and test coverage. ? Good Experience in C/C++development of multi-threaded applications in a Linux Environment. ? Experience with developing software applications using C, C++ and Linux/Unix environments. ? Experience in using Pandas python libraries during development lifecycle. ? Expertise in performing Data Analysis and Data Visualizations using R and Python. ? Expert in writing Python modules to extract/load asset data from the MySQL source database. ? Experienced with Elasticsearch, used by Rest API for querying written which is written by database server. ? Wrote and executed various MySQL database queries from Python-MySQL connector and MySQL database package. Authorized to work in the US for any employer Work Experience Python Developer Ellie Mae - Pleasanton, CA February 2017 to Present Responsibilities: Developed Views and Templates with Django view controller and template language to create an easily accessible website interface for users.

Developed dynamic web pages using Python Django frameworks and Used Django APIs for database access. Developed Python Django forms to record and access data of online users. Applied MVC architecture in the development of the web applications with the help of Django framework. Experienced in developing Python scripts to update the content in database and manipulate files. Created Indexed Views, complex Stored Procedures, effective functions, and appropriate Triggers to facilitate efficient data manipulation and data consistency. Expert in utilizing Python libraries wxPython, NumPy, Pandas, Twisted and Matplotlib. Involved in the development of the applications using Python 3.3, HTML5, CSS3, AJAX, JSON and JQuery. Knowledge in reviewing Python code for running the troubleshooting test-cases and bug issues. Proficient in developing SOAP and RESTful Web Services. Implemented client-side application to invoke SOAP and Restful Web Services. Applied server side Restful web services for external users to access our applications. Experienced python packages like cx_oracle, pyodbc and MySQL dB for working with Oracle, SQL Server and MySQLdb. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. Experience in handling database issues and connections with SQL and NoSQL databases like MongoDB (2.6, 2.4). Managed and administered all NoSQL database systems. Excellent experience with Python development under Linux OS (Ubuntu). Environment: Python, Django, Pandas, HTML5, NumPy, Pandas, Matplotlib, CSS3, AJAX, JSON, XML, jQuery, CSV, NumPy, BeautifulSoup, SOAP, SQLAlchemy, PyTables, sqlite3, Oracle, SQL Server, MongoDB (2.6, 2.4), Excel, MS Office, NoSQL, Linux, Unix and Windows NT/2000/XP/2003 server, Ubuntu. Python Developer Move Inc - San Diego, CA December 2015 to January 2017 Responsibilities: Developed entire frontend and backend modules using Python on Django including Tastypie Web Framework using GitHub. Used Python and Django creating graphics, XML processing, data exchange and business logic implementation. Use the Model View controller (MVC) framework to build modular and maintainable applications. Good Knowledge of Python and Python Web Framework Django. Experience in writing API's/ and Web Services in PHP and in Python. Created test cases for two week sprints using agile methodology. Designed data visualization to

present current impact and growth. Experienced in developing internal auxiliary web apps using Python Flask framework with CSS / HTML framework. Coding in Python utilizing the Web2py framework with MVC methodology. Developed and tested various dashboard features using CSS, JavaScript, Django, and Bootstrap. Extracted the data sources and loaded to generate CSV data files with Python programming and SQL queries. Expertise in performing Data Analysis and Data Visualizations using R, Python and Tableau. Developed server based web traffic statistical analysis tool using Flask, Pandas. Created a work flow using technologies such as GIT/SSH to develop multi -programmer. Environment: Python, Django, Java script, HTML, XML, CSS, Bootstrap, jQuery, Cassandra, CSV, R, Tableau, Flask, pandas, GitHub, Oracle, Django, sqlite3, Excel, SQL Server 2012, MS Office, SQL, MySQL, Windows. Python Developer Syntel /Philips Healthcare January 2013 to November 2015 Responsibilities: Used MySQL as backend database and MySQL of python as database connector to interact with MySQL server. Developed Python/Django application for Analytics aggregation and reporting. Used Django configuration to manage URLs and application parameters. Rewrite existing Python/Django module to deliver certain format of data. Daily Task Distribution within the team and keeping track of the progress using Scrum Board. Developed scripts in Python and Excel VBA to automate the data analysis, generating statistics isolating trends in memory failures. Maintained the versions using GIT and sending the release notes for each release. Handled potential points of failure through error handling and communication of failure. Implemented code in Python to retrieve and manipulate data. Developed Wrapper in Python for instantiating multi-threaded application. Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from Python using Python-MySQL connector MySQLdb package to retrieve information. Creating unit test/regression test framework for working/new code. Expertise in performing Applied Statistics, Exploratory Data Analysis and Data Visualization using tools like ggplot2, Tableau. Development experience in python, Django and flask, have used MySQL, SQLAlchemy and sqlite3. Experience in Matplotlib and using scrapy and calculus in python. Provided technical assistance for development and execution of servers and client software applications. Worked with technical

teams for performance of necessary upgrades to client and server software. Environment: MySQL, Python, Django, GitHub, flask, HTML, Oracle, Django, SQLAlchemy, sqlite3, CSS, Excel, SQL Server, HTML, MS Office, SQL, MySQL, Linux, Windows server. C,C++ Developer Zycus Technologies October 2010 to December 2012 C, C++ Developer Responsibilities: Experience with developing software applications using C, C++ and Linux/Unix environments. Developed applications of integrating data from SQL server into Virtual Observation System. Improved Virtual Observation System performance by using multi-threading (C++). Experience in using Pandas python libraries during development lifecycle. Expert in writing Python modules to extract/load asset data from the MySQL source database. Wrote and executed various MySQL database queries from Python-MySQL connector and MySQL database package. Created PyUnit test cases for unit testing. Managed relational database applications with UI designing services and Python languages. Assisted in designing and programming of object oriented databases with Python and other languages. Performed different testing methods like Unit testing, Integration testing, web application testing. Extensive code reviewing using GitHub pull requests, improved code quality. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and c database Developed code to send HTTP requests to webserver for agent/employee records gives up to date alerts to users. Developed SQL queries to get required information from Oracle database. Supported all production operation activities, with focus on integration and development of new and existing products and services. Worked with internal and external clients for import and normalization of third-party data. Monitored and provided front-line support of daily processes. Perform quality assurance and testing of SQL server environment. Hands on experience with Design patterns, Object oriented programming and design. Handled different critical customer high severity escalations with 24/7 availability. Participated in examination of database applications in SQL Management studio through query tables. Environment: C, C++, SQL server, Python, Pandas, MySQL, GitHub, HTTP, Oracle, SQL, MySQL HTML, CSS, Excel, SQL Server 2012, MS Office, PL/SQL, Linux, Unix and Windows. Skills LINUX (6 years), DJANGO (5 years), UNIX (3 years), FRAMEWORKS (Less than 1 year), MICROSOFT WINDOWS (Less than 1 year) Additional

Information Operating Systems UNIX, Linux, Windows 2003 Server, Windows NT/2000/XP.

Windows 7,8,10. Frameworks Django, Flask

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