

Python Developer Python Developer Python Developer - MasterCard Having 4 years of experience as a Web/Application Developer and coding with analytical programming using Python, Flask. Experienced in HTML/HTML5, DHTML, CSS/CSS3, AJAX, XML and JSON. Expert in Object oriented Design and Programming concepts using Python and Java. Worked on several python packages like NumPy, Beautiful Soup, SQLAlchemy, PyTables etc. Worked on various applications using python integrated IDEs Sublime Text, PyCharm, NetBeans, Spyder and IntelliJ. Good experience in developing web applications and implementing Model View Control (MVC) architecture using server side applications Flask. Experience in Analysis, Design, Development and implementation of various standalone, client-server enterprise applications. Expertise in creating RESTful and SOAP web services. Expertise in establishing database connections for Java and Python by configuring packages like JDBC, MySQL- Python. Experience in designing the automation framework using Python, Bash Shell scripting. Good Knowledge over Objected Oriented Concepts, Standard Template Library, Smart Pointers, Data Structures and Design patterns. Experience in developing web-based applications using Python. Front end development experience using HTML, CSS, JQuery and JSON. Experience in Agile development techniques. Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits. Excellent analytical and problem solving skills and ability to work on own besides being a valuable and contributing team player. Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers. Hands-on experience in UNIX and LINUX Kernels. Hands on experience in SVN, Git, JIRA, and Bugzilla. Good knowledge of web services with protocols SOAP, REST. Good knowledge of server Apache Tomcat, Web logic. Having experience in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts. Worked in the team and faced challenges during the project development and production process. Excellent communication and time management skills. Work Experience Python Developer MasterCard - O'Fallon, MO August 2015 to Present

Responsibilities Analyzed system requirements specifications and also in client interaction during

requirements specifications. Created entire application using Python, Flask, MySQL and Linux. Writing programs for performance calculations using NumPy and SQLAlchemy. Developed the presentation layer using HTML, CSS, JavaScript, JQuery and AJAX. Used JQuery libraries for all client side JavaScript manipulations. Used petl package to extract, Transform and Load tables of data. Utilized Python libraries NumPY, Twisted and matplotlib. Implemented SQLAlchemy which is a python library for complete access over SQL. Worked on Element Tree XML API in python to parse XML documents and load the data in database. Skilled in collections and used for manipulating and looping through different user defined objects. Created RESTful web services. Python Unit test library was used for the purpose of testing many programs on Python and other codes. Accessed database objects using Flask Database APIs. Created database using MySQL, wrote several queries to extract/store data. Exported/Imported data between various data sources. Managed large datasets using Pandas data frames and MySQL. Experienced in Agile Methodologies and SCRUM Process. Python Unit test library was used for the purpose of testing many programs on Python and other codes. Identified several hidden bugs caused by complicated multithreading issues such as race conditions caused by asynchronous events and resolved them. Deployed the project into Heroku using GIT version control system. Responsible for debugging and troubleshooting the web application. Took part in the entire project's lifecycle which includes Design, Development and Deploying, Testing, Implementation and support. Used Design patterns efficiently to improve the code reusability. Environment: Python 2.7, Flask, CSS, HTML, JavaScript, JQuery, AJAX, MySQL, Linux, Heroku, Bootstrap, GIT, NumPy, SQLAlchemy. Python Developer NetCORE solutions - Bangalore, Karnataka July 2013 to September 2014 Responsibilities Part of team implementing REST API's in Python using micro-framework like Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed. Used python libraries like Beautiful Soap, NumPy and SQLAlchemy. Utilized standard Python modules such as csv, robot parser, itertools and pickle for development. Worked on Python OpenStack APIs and used NumPy for Numerical analysis. Used Ajax and JQuery for transmitting JSON data objects between frontend and controllers. Implemented user interface guidelines and standards

throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Implemented AJAX for dynamic functionality of a webpages for front end applications. Worked on front end frame works like CSS Bootstrap for responsive webpages. Developed and tested many features for dashboard, created using Bootstrap, CSS, and JavaScript. Developed various algorithms for generating several data patterns. Used JIRA for bug tracking and issue tracking. Added several options to the application to choose particular algorithm for data and address generation. Developed and designed automation framework using Python and Shell scripting. Developed the project in Linux environment. Used Agile Methodology and SCRUM Process. Maintained the versions using GIT and sending the release notes for each release.

Environment: Python 2.7, CSS, HTML, Bootstrap, JavaScript, JQuery, AJAX, MySQL, Linux, Heroku, GIT, flask and python libraries such as NumPy, SQLAlchemy, MySQL DB, Automation framework, Jenkin. Python Developer HSBC - Hyderabad, Andhra Pradesh August 2011 to July 2013

Responsibilities Created Data extract jobs using Python/SQL. Thorough use of third-party packages, such as Fabric. Coordinated with product owners and technical team members for preparation and review of solution based documentation. Developed scalable infrastructure solutions and related components in collaboration with technical leads. Worked with the stakeholders to gather requirements. Designed User Interface for data selection using Python. Provided technical assistance for maintenance, integration and testing of software solutions during development and release processes. Ensured quality by versioning with Git. Created UI using JavaScript, HTML, CSS, jQuery. Implement code in python to retrieve and manipulate data. Deployed the application on cloud using AWS.

Environment: Python, CMS, Mezzanine, S3, MySQL, PostgreSQL, Linux.

Education Master of Computer Science in Computer Science Texas A&M University August 2014 to December 2015 Bachelor of Technology in Computer Science and Engineering JNTU September 2007 to May 2011

Additional Information

TECHNICAL SKILLS

Programming Languages Python 2.7, Flask, Java, C++, Bash Shell Script, SQL Web Technologies AJAX, JavaScript, HTML, XML, JSON, JQuery Database Technologies MySQL, SQL Server 2008, Oracle SDLC Methodologies Agile, Waterfall, and Hybrid Operating system Windows, Linux, OS X

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