

Sr. Python Developer Sr. Python Developer Sr. Python Developer - JPMC 8 + years of experience in the field of software development. Proficient in developing applications using Python, R and C++.

Experience in IT industry with proficiency in Analysis, Design & Development Testing of Enterprise Applications and Database Development using, Python, Django, Flask and SQL projects.

Experienced in complete Software Development Life Cycle, and major aspects of technological projects including Requirement Analysis, Design, Development, Database Design, Deployment, Testing, Debugging, and Application Maintenance. Experience of dealing with various

development methodologies like Waterfall, Scrum, and Agile. Experienced with WAMP (Windows, Apache, MySQL, and Python/PHP) and LAMP (Linux, Apache, MySQL, and Python/PHP) Architecture. Experience of using Python modules like NumPy, Matplotlib, Pickle, Pandas, SciPy, wxPython, PyTables, PyQt, etc., for generating complex graphical data, creation of histograms, etc.

Skilled in Object-Oriented Design and Programming using Python and C++. Experienced in using Python, Django, PHP, C++, CSS, HTML, XHTML, JavaScript, jQuery, XML, AJAX and JSON for developing web applications. Experienced in implementing Model View Control (MVC) architecture using server-side applications like Django and Flask for developing web applications. Experienced with JSON based RESTful web services, and XML based SOAP web services. Worked on various applications using python integrated IDEs like Eclipse, IntelliJ, Sublime Text and PyCharm.

Experience of working with relational databases like Oracle, SQLite, PostgreSQL, MySQL, DB2 and non-relational databases like MongoDB and Cassandra. Proficient in developing complex SQL Queries, Stored Procedures, Triggers, Cursors, Functions, and Packages along with performing DDL and DML operations on the database. Experience in Amazon SQS, and Amazon Web

Services like EC2, Redshift and S3. Written and developed scripts for automating tasks using Jenkins and UNIX shell scripting. Experience in project deployment using Heroku, Jenkins and Amazon Web Services (AWS). Worked on various Operating Systems like UNIX, Linux, Windows, and Mac OS. Experienced with version control systems like Git, GitHub, CVS, and SVN in order to

keep the versions and configurations of the code organized. Experienced with Unit Testing, System Integration Testing (SIT) and User Acceptance Testing (UAT). Worked on JIRA for bug

tracking and communicating for better results Strong Experience in Big data technologies including Apache Spark, Hadoop, HDFS, Hive, MongoDB. Experience in handling errors/exceptions and debugging issues in large scale applications. Work Experience Sr. Python Developer JPMC - Wilmington, DE February 2016 to Present Responsibilities: Performed Systems Analysis and detail application design Worked on development and enhancement of automated tools for testing, integration and global application development. This includes detail description of availability. Also enhanced the check out and registration process. Work with team of developers on python applications for RISK management. Managed full-life development cycles Held overall responsibility of coordination of implementations of software builds and releases Provided analytics to help determine optimal way to assemble releases Tracked any additions, deletions or change in scope on the published release plan including efficient tracking of defects. Automating analysis of large data sets Built the release plan roadmap and keep maintained for communication

Worked on UI modification using HTML, CSS. Developed Application logic using Python 2.7 and Django framework. Wrote backend data access Logic using MYSQL and SQL Server Used Web Services to extract Supplier inventory for various high end items. Integrated the application with different internal system. Designed and implemented a distributed, QA infrastructure for automated testing of a multi process software product. Involved in Unit, integration and smoke testing. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Developed entire front end and back end modules using Python on Django Web Framework. Designed and developed data center management system using MySQL. Rewrite existing Python/Django modules to deliver certain format of data. Used Django Database API's to access database objects. Wrote python scripts to parse XML documents and load the data in database. Generated property list for every application dynamically using python. Handled all the client side validation using JavaScript. Using Subversion version control tool to coordinate team-development. Responsible for debugging and troubleshooting the web application.

Environment: Python 2.7, Django 1.8, MySQL, Windows, Linux, HTML, CSS, JQuery, JavaScript, Apache, Linux. Python Developer Dallas, TX May 2015 to December 2016 Responsibilities: Wrote

Python routines to log into the websites and fetch data for selected options. Used Python modules such as requests, urllib, urllib2 for web crawling. Used other packages such as BeautifulSoup for data parsing. Worked on writing and as well as read data from csv and excel file formats. Developed a MATLAB algorithm which determines an object's dimensions from digital images. Web-services backend development using Python (CherryPy, Django, SQLAlchemy). Participated in developing the company's internal framework on Python. This framework became a basement for the quick service's development. Framework based on CherryPy with GnuPg encryption (reGnuPg module) on the top. Worked on resulting reports of the application and Tableau reports. Worked on HTML5, CSS3, JavaScript, Git, REST API, Mongo DB, IntelliJ IDEA. Design and Setting up of environment of MongoDB with shards and replicaset. (Dev/Test and Production). Private VPN using Ubuntu, Python, Django, Postgres, Redis, Bootstrap, JQuery, Mongo, Fabric, Git, Tenjin, Selenium. Performed QA testing on the application. Developed approaches for improving NLP pipeline. Create custom VB scripts in repackaging applications as needed. NLP File Prep Settlement-Prepare files for review for Settlement. Held meetings with client and worked all alone for the entire project with limited help from the client. Managed and reviewed Hadoop log file and worked in analyzing SQL scripts and designed the solution for the process using PySpark. Developed rich user interface using CSS, HTML, JavaScript and JQuery. Created a Python based GUI application For Freight Tracking and processing Used Django framework for application development. Excellent knowledge with distributed storages (HDFS) and distributed processing (MapReduce, Yarn). Developed and maintained various automated web tools for reducing manual effort and increasing efficiency of the Global Shipping Team. Developed automated testing framework for command-line based tests on Linux using Objected Oriented Perl and for selenium-based tests using Python. Created database using MySQL, wrote several queries to extract data from database. Setup automated cron jobs to upload data into database, generate graphs, bar charts, upload these charts to wiki, and backup the database. Wrote scripts in Python for extracting data from HTML file. Environment: MySQL, HTML, Python 2.7, Django 1.8, HTML5, CSS, XML, MySQL, MS SQL Server, JavaScript, AWS, Linux, Shell Scripting, AJAX, urllib , urllib2,

Json, CherryPy, Unix, Redis, Bootstrap ,Mongodb, SQLAlchemy, JQuery. Python Developer CSC - Hyderabad, Telangana October 2014 to April 2015 Responsibilities: Developed Python based API (RESTful Web Service) to track the events and perform analysis using Django. Involved in development using Python, bug fixing and unit testing of the layout commands. Dealt with development of parsers for handling JSON, XML responses and JAXB binding and worked with JMS (java messaging service) for asynchronous communication. Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/jQuery and HighCharts for data visualization of the served pages. Developed web-based applications using Python, Django, XML, CSS, HTML, DHTML, JavaScript and jQuery. Developed automated process for builds and deployments by using Jenkins, Ant, Maven, Shell Script. Used Pandas API to put the data as time series, in a tabular format, for easy timestamp data manipulation and retrieval. Published and Consumed Contract SOAP web services and developed corresponding test cases. Designed and managed API system deployment using fast http server and Amazon AWS architecture. Developed entire frontend and backend modules using Python on Django Web Framework. Used AWS for application deployment and configuration. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Performed debugging and troubleshooting the web applications using Subversion version control tool to coordinate team-development. Environment: Python 2.7, Django, HTML5/CSS, MS SQL Server 2013, MySQL, JavaScript, Eclipse, Linux, Shell Scripting, jQuery, AJAX, GitHub, Jira Python Developer IBM - Bengaluru, Karnataka August 2009 to September 2014 Responsibilities: Participated in the development of application architecture and blueprints to define application components. Specification of platforms, interfaces and development tools. Used Python scripts for automation of production tasks. Generated property list for every application dynamically using Python. Rewrite existing Java application in Python module to deliver certain format of data. Designed statistical analysis tools using R for data analysis and visualization. Was responsible for analyzing various cross-functional, multi-platform applications systems enforcing Python best practices and provide guidance in making long term, scalable architectural design decisions. Used

PyQuery for selecting particular DOM elements when parsing HTML. Created PyUnit test scripts and used for unit testing. Worked with JSON based REST Web services. Used JQuery and Ajax calls for transmitting Json data objects between frontend and controllers. Used Github for version control. Worked in an agile development environment. Developed SQL Queries, Stored Procedures, and Triggers Using Oracle. Actively participated in System Testing, production support and maintenance/patch deployments. Environment: Python Django, Flashvars, PyUnit, PyQuery, PyQt, HTML, CSS, PHP, DOM, REST, AJAX, JQuery, AWS, GitHub, agile, Oracle and Windows. Skills AJAX (8 years), CSS. (8 years), Django (8 years), HTML (8 years), JQuery (8 years) Additional Information TECHNICAL SKILLS: Programming Languages: Python, C, C++, Java Technologies: HTML, XHTML, CSS, JavaScript, jQuery, AJAX, XML, JSON Frameworks: Django, Flask, Pyramid, Struts Version Control: Git, GitHub, SVN, CVS Databases: Oracle, SQL, PL/SQL, MySQL, PostgreSQL, DB2, MongoDB IDE's/Development Tools: PyCharm, Eclipse, Sublime Text, NetBeans Web Services: AWS, RESTful Web Services, SOAP Operating Systems: UNIX, Linux, Windows, Mac OS Deployment Tools: Heroku, Jenkins Methodologies: Agile, Scrum and Waterfall Servers: WebSphere, WebLogic, JBoss, Apache Tomcat Testing Tools: Selenium and JUnit

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