

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Techsparq Raleigh, NC Around 8 years of IT Experience in designing, developing, testing and implementing of various stand-alone and client-server architecture-based enterprise application software in Python on different domains.

Skilled experience in Python with proven expertise in using new tools and technical developments (libraries used: libraries- Beautiful Soup, Jasy, numpy, Scipy, matplotlib, Pickle, PySide, Python-twitter, Pandas dataframe, networks, urllib2, MySQL dB for database connectivity) to drive .com

Good experience in developing web applications implementing Model View Control architecture using Django, Flask, Pyramid and Zope Python web application frameworks.

Experienced in working with various Python Integrated Development Environments like Net Beans, PyCharm, PyScripter, Spyder, PyStudio, PyDev and Sublime Text.

Basic understanding of protocols/technologies like HTTP, LDAP, JDBC, SSL, Servlet/JSP, SQL, HTML, XML.

Good knowledge on front end frame works like CSS Bootstrap.

Experience with Design, code, and debug operations, reporting, data analysis and web applications utilizing Python.

Worked DevOps methodologies and cloud infrastructure automation tools like AWS, Chef by using Terraform.

Used Spark API over Cloudera Hadoop YARN to perform analytics on data.

Exploring with the Spark improving the performance and optimization of the existing algorithms in Hadoop using Spark

Context, Spark-SQL, Data Frame, Pair RDD's, Spark YARN.

Used all major ETL transformations to load the tables through Informatica mappings.

Good Experience with Django, a high-level Python Web framework.

Sound experience in Object Oriented Programming using concepts like Multi-Threading, Exception Handling and Collections.

Knowledge about setting up Python REST API Frame work using Django.

Extended Testing framework by adding some helper classes and methods

Good at writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like Oracle, MySQL, DB2.

Having good knowledge in using NoSQL databases like Apache Cassandra (1.2, 2.0 and 2.1), Kubernetes and Mongo DB (2.6, 2.4),

Orient DBF net.

Having experienced in Agile Methodologies, PCI, Scrum stories and sprints experience in a Python based environment, Data analytics, data wrangling and Excel data extracts.

Worked on various operating systems like Windows, UNIX and LINUX.

Experienced in Shell

Scripting and UNIX commands. Work Experience Sr. Python Developer Techsparq - Portland, OR
October 2018 to Present Responsibilities: Designed and developed the User Interface for the website using HTML, AJAX, CSS, JavaScript and JSON. Successfully migrated the database from SQLite to MySQL to PostgreSQL with complete data Integrity. Developed merge jobs in Python to extract and load data into MySQL database. Used Django Database APIs to access database objects. Wrote Python scripts to parse XML documents and load the data in database. Handled all the client-side validation using JavaScript. Expertise in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers and User Defined Function. Developed views and templates with Python and Django view controller and templating language to create a user-friendly website interface. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. Implemented data analysis with various analytical tools such as Python/SQL, Pandas, NumPy, Matplotlib, Statsmodels, Gensim, Jupyter Notebook, and Anaconda. Used jQuery for all client-side data manipulation. Worked on data queries to obtain lists of references from online databases for analysis. Used Perl in web automation and in developing web chat box for the customers. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework. Developed entire frontend and backend modules using Python on Django Web Framework. Maintenance and continues development of the applications in PL/SQL procedures, ETL modules and shell scripting using best practices. Implemented of Automation framework, database testing using AutoEasy. Responsible for debugging and troubleshooting the web application. We have implemented pyspark for Transformation and Actions in Spark. Implemented various Spark Actions and Transformations by creating RDD's in HDFS. Developed Spark scripts by using Scala IDE's as per the business requirement. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Implemented task object to interface with data feed framework and invoke database message service setup and update functionality. Cleaned data and processed third party spending data into maneuverable deliverables within specific formats with Excel macros and Python libraries. Supporting the data warehousing

application to make sure the jobs are run as scheduled and the SLAs are met. Maintaining the application for daily operations and scaling according to Business requirements. Involved in the Complete Software Development Life Cycle (SDLC) to develop the application. Followed AGILE development methodology to develop the application. Environment: Python 2.7, PyQt, PyQuery, Agile, SDLC, MVC, HTML5, CSS3, DOM, Angularjs, Shell Scripting, JSON, Rest, Apache Web Server, Django, SQL, Windows, PostgreSQL, Numpy, SQLAlchemy. Python Developer Dell - Austin, TX September 2016 to October 2018 Responsibilities: Developed and designed e-mail marketing campaigns using HTML, JavaScript and CSS Good knowledge in various phases of SDLC Requirement Analysis, Design, Development and Testing on various Development and Enhancement Projects. Extensive experience in designing and implementing various web applications in both LAMP (Linux, Apache, MY SQL, PHP) Environments. Having Good Experience in Object Oriented Concepts (OOPS) with C# and Python. Working with backend Python automation, CI pipelines, Docker and cloud provisioning/automation. Worked on - Continuous Integration (CI): Gradle, Maven, Ant, Jenkins, Git Excellent Experience in Code Refactoring and Udeploy. Solid ability to code in JavaScript. Good knowledge on IBM WebSphere Application Deployment and maintenance of an application on Application Server using clusters concept and IBM Tivoli Monitoring. Develop, test, deploy and maintain the application. Worked with UI team to maintain and monitor the application using JAVA and python. Developed web-based applications using python 2.7/2.6, Django 1.4/1.3, PHP, Flask, Webapp2, Angular.js, VB, C++, XML, CSS, HTML, DHTML, JavaScript and jQuery. Developed UI screens using Angular JS (Custom Directives, Validation and Promises) Developed Angular Controllers, Services, Filters and HTML templates using Angular Directive. Rewrite existing Java application in Python module to deliver certain format of data. Wrote Python scripts to parse csv files and load the data in database. Generated property list for every application dynamically using python. Developed automated testing framework for command-line based tests on Linux using Objected Oriented Perl and for selenium-based tests using python. Developed Test Cases using Easy Mock and used POSTMAN to test REST Calls. Worked in agile environment and developed CI/CD (Continuous

Integration and Continuous Deployment) pipeline through Jira, GitHub, Team City, Pypi, Docker Hub, Supported Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. 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. Using python/Django, HTML, CSS, Sass, JavaScript, SQL, and PostgreSQL, maintaining and adding software Environment: Python, Django, Web Framework, HTML5, CSS3, Bootstrap, MongoDB, Linux, Javascript, JQuery, AJAX, JSON, Sublime Text, Jira, Git, Django-cms, SSO, database access, Django-cms plugins, Bootstrap, Agile, Eclipse, Weblogic, GitHub, Junit, Agile, UML, JSP, Xml, SOA. Sr. Python Developer Fairfax, VA August 2014 to September 2016 Responsibilities Designed and developed the User Interface for the project using HTML, CSS, JavaScript and AJAX. Developed views and templates with Django's MVT (model, view and template) to create a user-friendly website. Worked on MVC architecture using PHP, Python as controller. Worked on packages like socket, REST API, Django. Involved in front end and utilized Bootstrap and Angular.js for page design. Created Business Logic using Python to create Planning and Tracking functions. Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution. Designed and created backend data access modules using PL/SQL stored procedures. Design and implemented custom Bash scripts for controlling the data flow from the PostgreSQL database. Wrote REST APIs, as part of developing web-based applications using Django REST framework. Responsible for debugging the project monitored on JIRA. Used Django Database API to access database objects. Worked with Level two support team, DBAs and infrastructure team to improve the efficiency and capacity of our system. Utilized Punit, the Python unit test framework, for all Python applications. Creating unit test/regression test framework for working/new code. Risk analysis for potential points of failure (database, communication points and file system errors). Extensive use of version controlling systems like GIT and SVN. Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time. Worked on ETL tasks like pulling, pushing data from and too various servers. Tested and evaluated results for inclusion into

software product. Designed and deployed machine learning solutions in Python to classify millions of previously unclassified Twitter users into core data product. Used Pandas API to put the data as time series and tabular form for easy timestamp data manipulation and retrieval to handle time series data and do data manipulation. Used Pandas library for statistical Analysis using R Studio Automating Email Process, Downloading and uploading the files through Perl Scripting. Worked on front end frameworks like CSS, Bootstrap for development of Web application. Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content. Integrate the dynamic pages with Angular JS and j-query to make the pages dynamic. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Used Machine learning techniques like unsupervised Classification, optimization and prediction. Worked on Python open stack API's. Using Subversion version control tool to coordinate team-development. Responsible for debugging and troubleshooting the web application. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript, also used Bootstrap as a mechanism to manage and organize the html page layout. Wrote and executed various MYSQL database queries from Python using Python-MYSQL connector and MySQL db package. Associated with working cloud computing platforms like open stack.

Environment: Python, Django, Flask, PHP, C++, HTML, CSS, jQuery, AJAX, XHTML, AngularJS, JavaScript, XML, GitHub, Flash, MYSQL, PL/SQL. Python Developer Celgene, NY July 2011 to August 2014 Responsibilities: Involved in writing System Requirements based on the User requirements and business walk through. Involved in developing the design document. Involved in End to End implementation of the project. Involved in creating the project architecture diagram. Involved in preparing engineering specification with OOA and OOD. Used Rational Rose Enterprise to develop Use Case diagrams, Class diagrams, Collaboration & Sequence Diagrams, State Diagrams, and Data Modeling. Developed application logic using Python, JavaScript, Java. Used JMS for updating Mailing plans and tracking them. Worked with Google Push Notifications Server and Apple Push Notification Servers. Implemented REST API for web client, mobile client, desktop clients. Extracted and loaded data using Python scripts and PL/SQL packages.

Supported Java application for Media portal management. Debugging and testing of the applications & fine tuning performance. Provided maintenance support in production environment. Skilled in using collections in Python for manipulating and looping through different user defined objects. Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products. Deployment of application on Web logic 8.1 for testing and development team. Validate test content in IOS , Android and windows emulators Consumed Web Services using SOAP for getting data from the external interface in the XML format. Involved in preparing technical design document. Used Connect SOAP rule to fetch the Web Services. Used SOAP UI to test the external service. Used JIRA for project tacking. Involved in testing the application. Making changes in accordance with client requirement and client interaction. Environment:Stack: Python, Open Tok, Custom Scheduler Js JQuery, JavaScript, Html, Css & Bootstrap Version Control: Git Database: MySQL.

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