**Srivesh Reddy**

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| **Summary** |

* Over **6+** years of IT experience in design, development, testing, maintenance, Analysis and Integration of standalone and web applications.
* Strong Experience developing applications using Python, visual studio MVC framework.
* Using **Python**, developed backend modules on Visual Studio using Gitlab.
* Experienced in object-oriented programming (OOP) concepts using Python.
* Good Experience with Django, a high-level Python Web framework.
* Experienced in Python for creating scalable and robust applications along with other technologies (Angular and Node JS).
* Experienced in developing web-based applications using Python, R, Django, CSS, HTML, JavaScript, Angular JS and jQuery.
* Experienced in WAMP (Windows, Apache, MYSQL, and Postgres), LAMP (Linux, Apache, MySQL, and Python/PHP) Architecture and MEAN (MongoDB, AngularJS and NodeJS).
* Designed and developed presentation layer for web applications using technologies like HTML, CSS, and JavaScript. Experience in building single page applications using JavaScript frameworks like Angular Js and Vue.Js
* Built new features for VMWare Apolunes product in Node.js frameworks.
* Experience in creating custom, general use modules and components which extend the elements and modules of core Node.js
* Responsible for checking cross browser compatibility, Responsive Web Design and hence worked on different browsers like Safari, Firefox, Google Chrome and Internet Explorer.
* Responsible for developing single page applications using Angular Js and Bootstrap.
* Developed the administrative UI using AngularJS and ReactJS.
* Developed standalone web applications in medical devices using Vue.js
* Worked on SQL and PL/SQL stored procedures which are used to create access to data and deployed them to Oracle and SQL server databases.
* Familiar with JSON based REST Web services and Amazon Web Services (AWS).
* Expertise in working with different databases like Oracle, MySQL, PostgreSQL and Good knowledge in using NoSQL databases, PostgreSQL, MongoDB
* Experienced in developing Web Services with Python programming language.
* knowledge on Python Collections and Multi-Threading.
* Experience in implementation of Python web frameworks like Pylons, Web2py and Python Servlet Engine(PSE)
* Familiarity with development best practices such as code reviews and unit testing.
* Exploited the server on AWS EC2.
* Worked in agile and waterfall methodologies with high quality deliverables. Experience with continuous integration and automation using Jenkins.
* Experience with Unit Testing/ Test Driven Development (TDD), Load Testing, Wrote Unit Tests and maintained PEP8 code.
* Excellent Interpersonal and Communication skills, Efficient Time Management and Organization Skills, ability to handle Multiple-Tasks and work well in a Team-Environment.
* Extensively worked on writing UNIX shell scripts for scheduling the sessions for my testing process of ETL.
* Good knowledge on data migration from relational database to NoSQL.
* Experience in MongoDB concepts - CRUD operations and aggregation framework
* Have been involved in testing using DB, have good knowledge in creating and executing complex SQL's.
* Good experience of Web Services with protocols SOAP and REST.
* experience in using different kind of data bases like MySQL, Oracle.
* Experience in writing SQL queries and Stored Procedures and implementation on different databases.
* Expertise in understanding complex codes and extending their functionality.
* Expertise in creating test scenarios for performance testing.
* Strong Knowledge of the software Development Life Cycle (SDLC), Agile and Waterfall Methodologies.
* Experienced in software analysis, design, development of python applications on Unix/ Linux, Windows platform.

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| **TECHNICAL SKILLS** |

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| **Languages & Scripts** | **Python**, Java, Shell, HTML, CSS, JavaScript, SQL, C, C++ |
| **Frameworks** | Django, Bootstrap, Node JS, MVC, ADO, AngularJS, VueJs, jQuery |
| **Operating systems** | Windows (desktop/server), Linux, Ubuntu. |
| **Databases** | MySQL, Mongo dB |
| **Tools/Packages** | Microsoft Office (Word, Excel, Outlook, PowerPoint, Access), ServiceNow, team track, TOAD, Erwin, AXS Point Reports |
| **Configuration Management tools** | GIT/GitHub, SVN, CVS |
| **Web Servers** | Apache Tomcat, WebSphere, WebLogic, Aws, Ec2 |
| **Methodology** | Agile, Scrum |

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| **PROFESSIONAL EXPERIENCE** |

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| **Baxter International, Deerfield, IL July 2018 - Present**  **Software Developer** |

**Responsibilities:**

* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Worked on Qt frame work with Python for Backend and frontend (GUI) In QML-JavaScript.
* Worked on medical monitoring system with discrete medical components and devices.
* Used MQTT Pub/sub Model for the communication between different protocol components.
* Worked on MVC (Model View controller), Model (Python, SQLite), View (QML, JavaScript)
* Used Python scripts to update content in the database and manipulate files.
* Expertise with UNIX and Windows environments including shell and python scripts.
* Working knowledge on configuration management tools Chef, Ansible.
* Installed and maintained Jenkins for Continuous Delivery.
* Developed Python Modules for Ansible Customizations
* Designed and maintained databases Using Python based API (RESTful Web Service) using Django, SQL Alchemy, and PostgreSQL.
* Involved in Unit testing and Integration testing for the application.
* Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, HTML, CSS, CICD Script, Bootstrap, jQuery and RESTAPI calls.
* Worked on Python open stack API’s.
* Generated Python Django forms to record data of online users.
* Used Python and Django Creating graphics, XML processing, data exchange and business logic implementation.
* Used HTML, CSS, jQuery, JSON and JavaScript for front end applications.
* Developed standalone web application named “Protocol editor” using Vue.js with Bootstrap.
* Created GUI desktop applications on Medical Devices Using Python as backend and QML as a front-end tool.
* Used Pyqt tool to create graphical frameworks on embedded screens.
* Used SQLite server to get the data.
* Implemented Spark using Scala and Spark SQL for faster testing and processing of data.
* Good knowledge on Spark platform parameters like memory, cores and executors.
* Experienced with batch processing of data sources using Apache Spark and Elastic search.
* Used Vue.js event distribution and parent chain for parent and child nodes.
* Provided Validations to some fields using vue.js.
* Used Git Version Control, JIRA for bug tracking, Trello for Dash boards and Confluence for project management.
* Used Jenkins as continue integration tools.
* Involved to implement mock-ups and the layouts of the applications.

**Environment**: Django 1.10, Python, PyQt, QML, Shell Scripting, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Vue.js, Jenkins, MQTT, Linux, Microsoft Visual Studio

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| **CVS Health, Providence, RI Aug 2016 – May 2018**  **Python Developer** |

**Responsibilities:**

* Participated in entire lifecycle of the project including Design, Development, and Deployment, Testing and Implementation and support.
* Implemented Python routines to log into the websites and fetch data from selected options.
* Used Python modules such as requests, Urllib, and Urllib2 for web crawling.
* Performed Design, involved in code reviews and wrote unit tests in python.
* Development of web applications using Python frameworks as Django.
* Updated Site with JavaScript, jQuery, Python, Django, and SQL.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Worked on Python OpenStack APIs and used NumPy for Numerical analysis.
* Involved in DevOps tools such as Jenkins, Nexus, Chef and Ansible for build and deploy applications
* Successful migration of the default Django’s database (SQLite) to PostgreSQL to improve efficiency, integrity and security of data.
* Involved in database-driven web application development using Django Framework on Python.
* Loaded data from external files into tables using SQL Loader.
* Developed SQL scripts to transfer tables across the schemas and databases.
* Designed & Developed templates using Django’s template library and utilized them using Django’s forms library.
* Used PyQt for the functionality filtering of columns helping customers to effectively view their transactions and statements. Implemented navigation rules for the application and page.
* Handling Python and Django to interface with the jQuery UI and manage the storage and deletion of content.
* Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python.
* Used Version Control systems such as Git and Apache SVN for maintaining a consistent state throughout the application development process.
* Scripting the Windows environments such as PowerShell.
* Used Pandas, NumPy, Scikit-learn in Python for developing various machine learning models such Random forest and step-wise regression.
* Data transformation using Hive Spark SQL and Pandas feature engineering based pandas and Spark RDD.
* Worked on Spark Batch Processing to load the processed data into Cassandra.
* Converted Map Reduce applications to Spark.
* Analyzing the data with hive and spark from Hadoop and develop the mappings as per the requirement.
* Responsible for communicating the progress and issues to the higher management and making necessary changes to application based on flexibility, Scalability and security issues.

**Environment:** Django 1.10, Python, Angular.js, Bootstrap, AWS, Bash, PyQt, XML, Shell Scripting, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Jenkins, Apache Web Server, Linux.

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| **AGERO, Boston, MA Feb 2015 – June 2016**  **Python Developer** |

**Responsibilities:**

* Worked on conversion of Sales/Back Office Integration system using Python/Django System.
* Responsible for setting up networks through Design and Development.
* Developed business logic using Django framework.
* Developed GUI using HTML, AJAX, JavaScript and jQuery.
* Developed and tested many features for dashboard using Python, Java, Bootstrap, CSS, JavaScript and jQuery.
* Re-engineered various modules for implementing changes and creating efficient system.
* Supported PHP/LAMP application.
* Used Web services for integration with Back Office system.tg
* Developed dynamic web pages using python Django Frameworks.
* Used Python and Django for creating graphics, XML processing, data exchange and business logic implementation.
* Used Python to place data into JSON files for testing Django Websites.
* Built all database mapping classes using Object relational mapping(ORM) technique to design Django models.
* Experience in development of web services SOAP, RESTful for sending and getting data from the external interface in the XML and JSON format.
* Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Used Django configuration to manage URLs and application parameters.

**Environment:** Python, Amazon AWS S3, HTML, Python, Django, CSS, XML, MySQL, JavaScript, AWS, Linux, Shell Scripting, AJAX.

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| **ZENTECH SOLUTIONS INC, Hyderabad, India March 2012 to Dec 2014**  **Jr. Software Developer** |

**Responsibilities:**

* Participated in the complete SDLC process and used python to develop Backend functionality.
* Designed business applications using web technologies-HTML, JavaScript and CSS based on the W3C standards.
* Developed the administrative UI and reusable directives using Angular-JS and used CSS for styling the HTML elements.
* Involved in design and development of presentation layer for web applications using technologies like HTML, CSS, Bootstrap and JavaScript.
* Maintained Cross Browser compatibility and implement Responsive Design using CSS and JavaScript.
* Wrote REST APIs, as part of developing web-based applications for insurance premium calculations, using Django's REST framework
* Involved in writing stored procedures using MySQL
* Extensively worked on JSON based REST Web services
* Involved in capturing the requirements for serial functional interface and other software requirements specification document
* Used AJAX effectively to create pagination and with client-side events like quick search.
* Written AJAX driven JSON consuming JavaScript functions to save User selections such as radio button, drop-down menu selections into a cookie.
* Applied industry best practices and standards when project requirements were lagging.
* Worked with the team of architects and Senior Developers to gather requirements, enhance the application functionality, and add new features.
* Used Python to extract information from XML files.
* Worked with search business and search team to implement dynamic rule updates to search using elastic search.
* Worked with business analysts, project managers and process owners to develop solutions and can translate business requirements into technical specifications.

**Environment:** Python, HTML, Linux and Windows, Shell Scripting, JavaScript, Django Framework, CSS, SQL, MySQL, LAMP, jQuery, Windows, web Services

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| **EDUCATION** |

* **M**aster’s in computer Science and Information Technology, University of Silicon Valley, CA
* **B**achelor of Technology (Information Technology), JNTUH University, India.