**NAME: SIVA SAI PRAVEEN DANTAM**

**MAIL: sspraveen.dantam@gmail.com**

**CONTACT: +1 862-666-3720**

**PYTHON DEVELOPER**



**PROFESSIONAL SUMMARY:**

•     **7+ Years** of experience in Analysis, Design, Development, Management, and Implementation of various standalone and client-server architecture-based enterprise application software.

•     Extensive working experience in all phases of the Software Development Life Cycle **(SDLC), and its** methodologies such as **Agile, SCRUM ,** and**Waterfall Model.**

•     Experience in python libraries like **beautiful soup, NumPy, SciPy, Matplotlib, Pickle, PySide, Pandas, PyChart, urllib2.**

•     Experienced with **Python** frameworks such as **Django**and **Flask**.

•     Proficient in using editors **Visual Studio Code**, **Eclipse**, **PyCharm**, **Scripter, Notepad++** and **Sublime Text** while developing different applications.

•     Experience in working on various python packages such as **NumPy, SQLAlchemy, PySide, SciPy, and PyTables.**

•     Experience with design, code, and debug operations, reporting, data analysis and web applications utilizing **Python**.

•     Experience as a Web Application Developer and Software Engineer using **Python, Django, Java, C++, HTML5**.

•     Design and developed **Web Services**, **RESTful APIs** for Mobile Apps using **Django-REST** and **Flask** Frameworks.

•     Experienced in working with various application servers such as **WebSphere**, **WebLogic**, and web servers such as **Apache server** and **NGINX**. Additionally, I have experience using popular Integrated Development Environments (IDEs) such as **PyCharm**, **Eclipse**, **JDeveloper**, and **RAD**.

•     Experienced in developing web-based applications using **Python**, **Django**, **QT**, **C++**, **XML**, **CSS3**, **HTML5**, **DHTML**, **JavaScript** and **JQuery**.

•     Experience in writing Subqueries, Stored Procedures, Triggers, Cursors, and Functions on **MySQL**and **PostgreSQL** database.

•     Exposure in various Python Integrated Development Environments like **PyCharm, Spyder, and Sublime Text.**

•     Solid Knowledge on RDBMS concepts and extensively worked with**Oracle, SQL Server, MYSQL.**

•     Have the ability to understand complex systems and be in command of the details to provide solutions.

•     Ability to learn and adapt quickly to the emerging new technologies and paradigms.

•     Excellent communication, interpersonal and analytical skills and a highly motivated team player with the ability to work independently.

**TECHNICAL SKILLS:**

| **Frameworks** | Django, pyramid, Flask, Spring, Hibernate, web2Py |
| --- | --- |
| **Web Technologies** | HTML5, CSS3, JavaScript, XML, JSP, JSON, AJAX, SAAS, JQuery |
| **Languages** | Python, C++, Java, Shell Script, Perl, SQL |
| **IDEs/tools** | Notepad++, Sublime, NetBeans, Thonny, Komodo, PyCharm, PyDev, PyScripter, Pyshield, Spyder, PyStudio, Eclipse |
| **Version Control** | GIT, SVN, Maven, Gradle, CVS |
| **Web Servers** | JBoss, BEA Web Logic, Web Sphere, Apache Tomcat |
| **Database** | MYSQL, PostgreSQL, MS SQL, MongoDB, Oracle |
| **Operating Systems** | Linux, Windows, Mac |

**PROFESSIONAL EXPERIENCE:**

**Client:** **Cumulus -Austin                                                                                        November 2021 – Present**

**Role: Python Developer**

**Responsibilities**:

•     Worked on UI using HTML5, CSS3 and JavaScript.

•     Created User Controls and simple animations using JavaScript and Python.

•     Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.

•     Developed multi-threaded standalone app in Python, C++ to view Circuit parameters and performance.

•     Worked with NumPy, SciPy, Matplotlib, httplib2, urllib2 and Pandas python libraries during development lifecycle.

•     Used PyQt to implement GUI for the user to create, modify and view reports based on client data.

•     Wrote a Python module to connect and view the status of an Apache Cassandra instance.

•     Maintained version control of Python by using GIT. (Merge, Branch, Push, and Commit).

•     Developed Python batch processors to consume and produce various feeds.

•     Developed entire frontend and backend modules using Python on Django Web Framework.

•     Developed Business Logic using Python on Django Web Framework.

•     Responsible for gathering requirements, system analysis, design, development, testing and deployment.

•     Participated in the complete SDLC process.

•     Involved in building database Models, APIs and Views utilizing Python, in order to build an interactive web-based solution.

•     Developed Merge jobs in Python to extract and load data into MySQL database.

•     Successfully migrated the Django database from SQLite to MySQL with complete data integrity.

•     Created PHP/MySQL back-end for data entry from Flash.

•     Used Python, Django, and Pyramid frameworks to develop applications and responsible for both back-end programming and front-end functionality using JavaScript, Ajax, and other technologies.

•     Responsible for gathering requirements, system analysis, design, development, testing, and deployment.

•     Used JQuery and Ajax calls for transmitting JSON data objects between front end and controllers.

•     Used GitHub for version control.

•     Developed SQL Queries, Stored Procedures, and Triggers Using Oracle, SQL, PL/SQL.

•     Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.

•     Developed a multi-threaded standalone app in Python to view performance.

•     Querying data from MongoDB and using them as input for the machine learning models.

•     Wrote validation scripts in SQL to validate data loading.

•     Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.

**Environment:**  Python, Django, HTML5, JQuery, AJAX, XHTML, JavaScript, XML, GitHub, Flash, SQLite, MYSQL, SQL, PL/SQL, MongoDB, PostgreSQL, Windows.

**Client: Knight-Swift Trans -Maryland                                                                   April 2019 - Oct 2021**

**Role: Python Developer**

**Responsibilities**:

•     Designed and developed communication between client and server using Secured Web services.

•     Developed and tested many features for the dashboard using Python, Java, Bootstrap, and CSS3.

•     Used many regular expressions in order to match the pattern with the existing one.

•     Developed Python batch processors to consume and produce various feeds.

•     Successfully migrated the Django database from SQLite to MySQL with complete data integrity.

•     Created test harness to enable comprehensive testing utilizing Python.

•     Worked on updating the existing clipboard to have the new features as per the client’s requirements.

•     Wrote Python scripts to parse XML documents and load the data in the database.

•     Handled all the client-side validation using JavaScript.

•     Performed testing using Django’s Test Module.

•     Used python scripts to update content in the database and manipulate files.

•     Generated Python Django Forms to record data of online users

•     Created Data tables utilizing PyQt to display customer and policy information and add, delete, and update customer records.

•     Designed and developed the UI of the website using HTML5, XHTML, AJAX, CSS3 and JavaScript.

•     Developed entire frontend and backend modules using Python on Django Web Framework.

•     Designed and developed a data management system using MySQL.

•     Rewrite existing Java applications in the Python module to deliver a certain format of data.

•     Worked on front-end frameworks like Bootstrap for responsive web pages for Single page applications.

•     Developed the required XML Schema documents and implemented the framework for parsing XML documents.

•     Used JQuery for selecting particular DOM elements when parsing HTML5.

•     Worked with JSON-based REST Web services.

•     Creating unit test/regression test framework for working/new code

•     Using the GIT version control tool to coordinate team development.

**Environment:**  Python, Django, PyQt, Java, XML, JQuery, DOM, JSON, HTML5, XHTML, CSS3, AJAX, JavaScript, JSON, Rest, MYSQL, GIT, Linux, Oracle, PostgreSQL, Windows.

**Client:** **Timon Global Systems -Hyderabad, India                                                            Sep 2016 – Nov 2018**

**Role: Python Developer**

**Responsibilities:**

•     Utilized PyUnit, the Python Unit test framework, for all Python applications and used Django Database APIs to access database objects.

•     Developed entire frontend and backend modules using Python on Django Web Framework.

•     Generated property list for every application dynamically using Python.

•     Developed internal auxiliary web apps using Python Flask framework with CSS3 / HTML5 framework.

•     Involved in the Design, development, test, deploy, and maintenance of the website.

•     UI was developed using HTML5, AJAX, CSS3 and JavaScript.

•     Used Python programming, Django for the backend development, Bootstrap for frontend connectivity, and MongoDB for the database.

•     Implemented Test Driven Development (TDD) strategy for the project.

•     Developed Python batch processors to consume and produce various feeds.

•     Created database access layer using JDBC and PL/SQL stored procedures.

**Environment:**Python, Django, MySQL, HTML5, XHTML, CSS3, AJAX, JavaScript, Apache Web Server, Git, Linux, PostgreSQL, Windows.

**Client: Nulogic Solutions -Bangalore, India                                                                     June 2015 - Aug 2016**

**Responsibilities:**

•     Developed Merge jobs in Python to extract and load data into MySQL database.

•     Responsible for search engine optimization to improve the visibility of the website.

•     Used Git for version control.

•     Used the Python modules NumPy, matplotlib, etc. for generating complex graphical data, creation of histograms, etc.

•     Wrote validation scripts in SQL to validate data loading.

•     Developed and tested websites using MEAN (MongoDB, Express, Node.js) stack.

•     Automated MySQL container deployment in Docker using Python and monitoring of these containers.

•     Followed AGILE development methodology to develop the application.

•     Used Test driven approach (TDD) for developing services required for the application.

•     Used JIRA to assign, track, report and audit the issues.

•     Trained users and did production support.

**Environment:**Python, Django, MySQL, HTML5, XHTML, CSS3, AJAX, JavaScript, Apache Web Server, Git.

**EDUCATION:**

Bachelors in Computer science- JNTUH - 2014