**SUJAN TAMANG**

**PROFESSIONAL SUMMARY:**

* 6 years of experience as a Python Developer with a deep understanding of technology trends with expertise in the core of complex technologies.
* Experience in Analysis, Design, Development, Testing, Customization, Bug fixes, Enhancement, Support and Implementation of various web, stand-alone, client-server enterprise applications using **Python, Django**, in various domains.
* Experience in application development using **Python, Django, HTML5, CSS, JavaScript, and jQuery, Oracle, MySQL, PostgreSQL and SQLite.**
* Experienced in working with various **Python IDE's using PyCharm, PyScripter, Spyder, PyStudio, and PyDev** and python libraries like **SciPy, NumPy, Matplotlib, Pandas, PyTables.**
* Hands on experience programming with **C++, Python, Django and Ajax technologies.**
* Successfully migrated Django database from **SQLite to MySQL to Postgres SQL** with complete data integrity.
* Working with backend **python automation, Docker and cloud provisioning/automation**.
* Experienced in **MVC frameworks like Flask and MVT framework like django**
* Experienced in **NoSQL technologies like MongoDB, Cassandra and relational databases like Oracle, SQLite, Postgre SQL and MySQL databases.**
* Have flexibility and ability to learn and use new technologies and to work in team environment as wells as independently to get things done.
* Knowledge in Data mining and Data warehousing using **ETL Tools and Proficient in Building reports and dashboards in Tableau (BI Tool).**
* Proficient in **writing unit testing code using Unit Test/PyTest and integrating the test code** with the build process worked on **Python Testing frameworks like Bottle, zope, pytest also involving Beautiful Soup, Numpy, Scipy, Matplotlib, python-twitter, Pandas Data frame, urlib2 libraries.**
* Experience in developing web-based applications using **Python 2.7/2.6, Django 1.4/1.3, PHP, Flask, Webapp2, Angular.js, XML, Ajax, CSS, HTML, DHTML, JavaScript and JQuery.**  
  Having very strong experience writing **API's/ and Web Services in PHP and in Python**.
* Experience with **Jenkins and Enterprise GitHub**. Worked on Jenkins continuous integration tool for deployment of project.
* Good knowledge of version control **software –SVN, CVS, GitHub.**
* **Analytical, problem-solving and interpersonal skills**. Ability to learn new concepts fast consistent team player with excellent communication skills.

**Technical Skills:**

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| **Operating Systems** | Unix, Linux, Ubuntu, Solaris, Windows and MacOS |
| **Programming** | Python, PL/SQL, Java, CSS, HTML, JavaScript |
| **Databases** | Oracle 10/11g, MySQL, SQL Server and PostgreSQL, MongoDB |
| **Tools** | PyCharm, PL/SQL Developer, Visual Studio, Jupyter, [**BeeWare**](http://pybee.org/), [**BOA Constructor**](http://boa-constructor.sourceforge.net/)**, Jenkins, Web builder** |
| **Message Broker** | RabbitMQ, IBM MQ |
| **Web Server** | Apache Webserver, |
| **Defect Tracking** | JIRA and VersionOne |
| **Cloud services** | AWS, Microsoft Azure, GCP |

**PROFESSIONAL EXPERIENCE:**

**C2P Group, Brooklyn NY Jul 2018 – Dec 2018**

**Python Developer**

**Responsibilities:**

* Developed strategic partnerships with the business unit to develop a solid knowledge base of the business line, including the business plan, products and processes.
* Involved in preparing engineering specification with **OOA and OOD. Used UML Tools to develop Use Case diagrams, Class diagrams, Collaboration and Sequence Diagrams, State Diagrams and Data Modeling.**
* Developed application logic using **Python, Java script, Java, C++.**
* **Used Java Server Pages for content layout and presentation**.
* Prepared scripts to ensure proper data access, manipulation and reporting functions with **R programming language.**
* Formulated procedures for integration of **R programming** plans with data sources and delivery.
* Worked extensively with **Bootstrap, JavaScript, and jQuery** to optimize the user experience.
* Enhanced existing automated solutions, such as the **Inquiry Tool for automated Asset Department** reporting and added new features and fixed bugs
* Created database using **MySQL, wrote several queries to extract/store data.**
* Developed, tested and **debugged software tools** utilized by clients and internal customers
* Extracted and loaded data using **Python scripts and PL/SQL packages**
* Supported **Java application for Media portal management**.
* Wrote **python scripts to parse XML documents** and load the data in database.
* Generated property list for every application dynamically using python.
* Creating **unit test/regression test framework for working/new code.**
* Debugging and testing of the applications & finetuning performance. Provided maintenance support in production environment.

**Environment:** Python, Django, HTML/CSS, MS SQL Server 2012, MySQL, Script, Eclipse, GIT, GitHub, AWS, Linux, Shell Scripting.

**Santander Consumer, Dallas TX Oct 2015 – Jun 2018**

**Python Developer**

**Responsibilities**:

* **Design, and maintain develop, test, deploy** the website.
* Developed entire front-end and backend modules using **Python on Django Web Framework**.
* Designed and developed the UI of the website using **HTML, AJAX, CSS and JavaScript**.
* **Implemented SQL Alchemy**, which is a python library for complete access over SQL.
* Designed and developed data management system using MySQL and wrote several queries to extract/store data.
* Rewrite existing **Java application in Python module** to deliver certain format of data.
* Wrote Python scripts to parse **XML documents** and load the data in database.
* Generated property list for every application dynamically using Python.
* Responsible for **search engine optimization** to improve the visibility of the website.
* Used **Apache, htaccess** to provide authentication system for **Django/MySQL** sites.
* Handled all the client-side validation using **JavaScript.**
* Performed testing using **Django's Test Module**.
* Added support for Amazon **AWS S3 and RDS to host static/media** files and the database into Amazon Cloud.
* Developed MapReduce jobs in python data cleaning and data processing.
* Involved in **AJAX driven application** by invoking **web services/API and parsing the JSON response.**
* Involved in writing application level code to interact with APIs, **Web Services using JSON.**
* Deployed the project into **Heroku using Django and GIT version control system.**
* Designed and Developed Restful web-services for both consumer and producer using **Django, Swagger, Gunicorn.**
* **Creating unit test/regression test framewor**k for working/new code.
* Using version control tool to coordinate team-development.
* Responsible for **debugging and troubleshooting the web application**.

**Environment:**Python, Django 1.8, Swagger, Hadoop, MySQL, XML, HTML, XHTML, CSS, AJAX, JSON, JavaScript, AWS, Apache Web Server, MYSQL and Linux.

**IDI Healthcare (PCCI Group) Jan 2013 - Sep 2015**

**Python Developer**

**Responsibilities:**

* Responsible for **Architecture and design** implementation.
* Developed an **automation module** which processes chunks of CSV file uploaded by an end user in an asynchronous manner.
* Developed web application using **Python, Django framework, MySQL.**
* Written Unit test cases using the Unit testing framework with 95% of code coverage.

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

* Worked on User **Interface using Django templates, HTML, CSS, JavaScript, Bootstrap.**
* Documented all the workflow with **design details and flowchart**.
* Involved in capturing the requirements for the serial functional interface and other software requirements specification document.

**Environment:** Python, Django, Flask, MySQL, HTML5, CSS, XML, MySQL, JavaScript, Backbone JS, jQuery, MongoDB, Node.js**.**

**EDUCATION:**

Master’s in computing & Information Systems