**SUNIT**

**Email:** [sunitdev001@gmail.com](mailto:sunitdev001@gmail.com)

**Ph #: 214-295-5184**

**Professional Summary:**

* Over 7 years of experience as a Web Application Developer and Software Engineer using **Python**, **DJANGO**, **Java,** **J2EE.**
* Experience with full software development life-cycle, architecting scalable platforms, objects oriented programming, database design and **agile** methodologies.
* Good Experience with **Django**, a high-level **Python** Web framework.
* Experience object oriented programming (OOP) concepts using **Python, C++.**
* Experienced in WAMP (Windows, Apache, MYSQL, and Python/PHP) and **MVC Struts.**
* Experienced in developing web-based applications using **Python**, **Django,** **Java, HTML, DHTML, JavaScript** and **JQuery.**
* Good Knowledge of Python and Python Web Framework **Django.**
* Experienced with Python frameworks like **Webapp2** and, **Flask**.
* Experienced in installing, configuring, modifying, testing and deploying applications with Apache.
* Well versed with design and development of presentation layer for web applications using technologies like **HTML,** **CSS,** and **JavaScript.**
* Experienced in developing Web Services with **Python** programming language.
* Experienced in developing web-based applications using **Python**, **Django,** **QT,** **C++, XML**, **CSS**, **JSON,** **HTML**, **DHTML**, **JavaScript** and **JQuery.**
* Experienced in working on Application Servers like **WebSphere**, **WebLogic**, **Tomcat,** Web Servers like **Apache server, NGINX** and Integrated Development Environments like **PyCharm, Eclipse, MyEclipse, JDeveloper and RAD**.
* Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database.
* Sound Knowledge on RDBMS concepts and extensively worked with **Oracle, SQL Server 2008, MYSQL.**
* Excellent debugging, problem solving, optimization and testing skills.
* Highly motivated, dedicated, quick learner and have proven ability to build and manage a team and work individually.
* Excellent written and oral communication skills with results-oriented attitude.

**Technical Skills:**

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| **Languages** | Python 3.x,2.7/2.4, C++, Java, Shell Script, Perl, SQL |
| **Python Framework** | Django, Webapp2, Flask |
| **Web Technologies** | AJAX, JavaScript, HTML, DHTML, XHTML, XML, JQuery, JSON |
| **Tools** | Cadence, PSpice, NetBeans IDE, WireShark, mkvMerge GUI, Atmel Studio 6.0, Quartus II Suite, LabVIEW |
| **Versioning Tools** | Subversion, GIT, Perforce, SVN, CVS |
| **Web servers** | Apache, WebLogic, WebSphere |
| **Databases** | MySQL, SQL Server 2008 , Oracle |
| **Operating systems** | Linux/Unix, Windows Variants |

**Professional Experience:**

**Client: Sears, Chicago, IL. May 14 – Till Date**

**Role: Python Developer**

**Responsibilities:**

* Involved in building database Model, APIs and Views utilizing **Python,** in order to build an interactive web based solution.
* Created User Controls and simple animations using **Java Script** 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 Business Logic using **Python** on **Django** Web Framework.
* Developed Merge jobs in **Python** to extract and load data into **MySQL** database.
* Used **Couchbase Python SDK** to build applications that use Couchbase Server.
* Modified **CSS** in order to provide cross-browser integration.
* Performed testing using **Django’s Test Module**.
* Utilized **PyQt** to provide GUI for the user to create, modify and view reports based on client data.
* Manipulated **JavaScript & JQuery** code to enhance user functionality with new website.
* Involved in writing application level code to interact with **APIs**, Web Services using **JSON**.
* Cleaned up and optimized the **MySQ**L Word Press database.
* Develop table less, **W3C** compliant web sites using **CSS, XHTML, Javascript, JQuery** and **Python.**
* Implemented **JQuery** controlled **CSS** to enhance content modules.
* Used **GitHub** for version control.
* Developed **SQL Queries**, **Stored Procedures,** and **Triggers** Using **Oracle,** **SQL, PL/SQL.**

**Environment:** Python, Django, PYQt, Couchbase Python SDK, Java, Java Script, HTML, CSS, JSON, JQuery, Shell Scripting, XML, MYSQL, GitHub, SQL, PLSQL, Oracle and Windows.

**Client: Broadcom, Sunnyvale, CA Mar 13 – Apr 14**

**Role: Python Developer**

**Responsibilities:**

* Started developing web applications with **Django** 1.4 to 1.7.
* Deployed production site using Apache 2.0 with **mod\_python.**
* Upgraded **Python 2.3 to Python 2.7** on a RHEL 4 server. This upgrade was necessary for in lined models with UTF-8 characters were causing unexpected errors.
* Successfully migrated the **Django** database from **SQLite** to **MySQL** with complete data integrity.
* Worked very closely with designer, tightly integrating **Flash** into the CMS with the use of Flashvars stored in the **Django** models. Also created XML with **Django** to be used by the **Flash.**
* Created **PHP/MySQL** back-end for data entry from Flash. I had to assist the Flash developer send the correct data via query strings.
* Used **Wireshark,** live http headers, and Fiddler2 debugging proxy to debug the **Flash** object and help the developer create a functional component. The **PHP** page for displaying the data uses **AJAX** to sort and display the data. The page also outputs data to .csv for viewing in Microsoft Excel.
* Created Data tables utilizing **PyQt** to display customer and policy information and add, delete, update customer records.
* Used **Python** based GUI components for the front end functionality such as selection criteria. Administration of dedicated collocated RHEL 4 machine and configured complex Apache configuration files.
* Imported SSL certs from other hosts to new host and properly configured Apache to use certs.
* Used Apache .htaccess to provide authentication system for **PHP/MySQL** sites.
* Used mod\_rewrite to create **SEO** friendly links.

**Environment:** Python, Django, Flash, PHP, MYSQL, PYQt,SQLite,Java, Wireshark, AJAX, XML, Apache and Windows.

**Client: MShift, Fremont, CA. Jan 12 – Feb 13**

**Role: Python Developer**

**Responsibilities:**

* Design, develop, test, deploy and maintain the website.
* Designed and developed the UI of the website using **HTML, XHTML, AJAX, CSS and JavaScript.**
* Developed entire frontend and backend modules using **Python** on **Django Web Framework**.
* Utilized **PyQt** to provide GUI for the user to create, modify and view reports based on client data.
* Designed and developed data management system using **MySQL**.
* Rewrite existing **Java application in Python** module to deliver certain format of data
* Wrote **Pytho**n 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.
* Handled all the client side validation using JavaScript.
* Performed testing using **Django’s Test Module**.
* Creating unit test/regression test framework for working/new code
* Using Subversion version control tool to coordinate team-development.
* Responsible for debugging and troubleshooting the web application.

**Environment:** Python, Django 1.4, PyQt, Java, MySQL, Linux, HTML, XHTML, CSS, AJAX, JavaScript, Apache Web Server, Django.

**Client: Amicus Therapeutics, Cranbury, NJ. Nov 10 – Dec 11**

**Role: Python Developer**

**Responsibilities:**

* Developed complex web, middleware, and back end systems in Python, SQL, Perl for Linux and Windows.
* Integrating Teradata Relationship Manager / Aprimo (CRM) applications, Touchpoint, and Oracle.
* Web development, programming, and engineering Django, UWSGI and SQL internal admin tools behave BDD.
* Monitoring, logging, and debugging using SDLC best practices and tools. Code optimization/reworking for PEP.
* Working in a team of Architects Data Engineers to build and deploy **NoSQL Data** Stores using **Python.**
* Developed **ETL Data Extraction**, Transformation and Loading in **Python OO Design code**.
* Creating YAML driven query engines in **Python for SQL**, Sqoop, HDFS, and Teradata, BTEQ, TDT.
* Query expertise to implement highly defined user experience interactive Web App with intricate results.
* Scalable Web Architecture based AWS Cassandra in **Python Linux OS** for High I/O GPS Application DevOps.
* Working in team of Architects and Developers to build and deploy **Python Flask** Peewee Linux AWS.
* Examination / Analytics of Software Design for DNS Failover, Performance, Reliability, and cost effectiveness.
* Creating DB driven web apps in **Python JSON** PostrgreSQL Cassandra Flask Peewee ORM WSGI Werkzeug.

**Environment**: Python, Django, Python Flask, JAVA, J2EE, JSON, HTML, CSS, Perl, Shell Scripting, Windows and Linux.

**Company: Clover Infotech Pvt ltd, India. May 09 – Oct 10**

**Role: Python Developer**

**Responsibilities:**

* Application architecture designed as per the requirements using spring framework.
* Requirement Analysis and Estimation of project timelines.
* Developed **Python** batch processors to consume and produce various feeds.
* Generated PDF daily and Monthly statements using Aspose **PDF Kit.**
* Developed internal auxiliary web apps using **Python Flask framework** with **CSS / HTML** framework.
* Implemented Test Driven Development (TDD) strategy for the project.
* Wrote SQL Queries, Store Procedures, Triggers and functions in **MySQL** Databases.
* Created database access layer using JDBC and **PL/SQL** stored procedures.
* Coordinate with SMEs, other architects, and senior technical staff to identify client’s needs, document assumptions, and build-out new requirements and move code through user acceptance testing.

**Environment:** Python, C++, HTML, CSS, TDD, SQL, MYSQL and Windows.

**Client: ARIS Global, India. Jan 08 – Apr 09**

**Role: Software Engineer**

**Responsibilities:**

* Designed and developed Use-Case Diagrams, Class Diagrams, and Object Diagrams using UML Rational Rose for OOA/OOD techniques.
* Designed and developed components using Java J2EE.
* Created UI using HTML CSS and Javascripts.
* Created Servlets and Beans to implement Business Logic
* Used SAX/DOM Parser for parsing the data to Oracle Database.
* Designed and created backend data access modules using PL/SQL stored procedures and Oracle 9i.
* Created database access layer using JDBC and PL/SQL stored procedures.
* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for Oracle Database.
* Developed and executed User Acceptance Testing portion of test plan.
* Debugging Software for Bugs.

**Environment**: JAVA, J2EE, DOM, HTML, CSS, Shell Scripting, SQL, PLSQL, Oracle and Windows.

**References:** Will be provided upon request.