**Summary**

Over 7 Years of professional experience in Analysis, Design, Development and Implementation of various client-server web applications in Python, Django, Flask along with using UI tools and languages for the complete end to end development of web pages.

* Experienced in developing web-based applications using Python, Django, Flask, Bootstrap, XML, CSS, HTML, JavaScript, AJAX, Angular JS, MySQL, SQL server, Postgres SQL and JQuery.
* Good experience in developing web applications implementing Model View Control/Model Template View in case of Django framework.
* Strong at built in and external python libraries and making good use of them.
* Good at designing Graphical User Interfaces using python built in modules TKinter and external module PyQt.
* Experience with Version Control, ideally GIT and SVN.
* Expertise in working with deployment using Heroku and Jenkins.
* Thorough knowledge in various front end tools like HTML, JavaScript, XML, JQuery and AJAX.
* Expertise in understanding complex codes and extending their functionality.
* Good at using libraries for technical development like Beautiful Soup, Pickle, Pandas, and MySQL for database connectivity to drive improvements throughout entire software development lifecycle.
* Solid understanding of MVC design patterns.
* Strong at Object Oriented concepts and design like polymorphism, encapsulation, method overriding and method overloading etc.
* Strong understanding of DOM manipulation and its functions.
* Good knowledge on CI/CD DevOps tools and storage related tool like Docker and build tools Ant, Maven.
* Strong at using python for automating the tasks and writing scripts.
* Good at writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers.
* Good experience in developing web applications implementing Model View Control architecture using Django and Flask web application frameworks.
* Experience in writing SQL queries and Stored Procedures, Triggers, Cursors, and Functions and implementation of it on a database.
* Experienced in monitoring, developing and transforming data using SQL Server Integration Service and SQL Server Reporting Service.
* Good at using PIP for installing python packages and libraries from the command line.
* Good at following the python coding style standards PEP8 for writing a better code, which can be easily understood and distributed across the organization.
* Experienced in Unit, Integration, User acceptance, and Functional testing.
* Hands on experience in debugging and fixing the bugs and very good with support and maintenance.
* Experience in working with different operating systems Windows, UNIX and Linux.
* Worked in Waterfall and AGILE (Scrum, XP) methodologies and various phases of Software Development Life Cycle.
* Excellent analytical and problem solving skills with efficient time management and result oriented attitude.
* Good interpersonal, very hands on attitude and approach, Inquisitive, Self-determined to learn and improve.
* Committed to tasks and provide good results, team player and Good communication skills.

**Education:**

**Bachelor’s in Electronics & Communications. GPA- 3.6/4.0**

**Technical Skills:**

* **Languages:** C, C++, Java/J2EE, Python.
* **UI/Markup Languages:** CSS, Java script, JQuery, AJAX, Bootstrap, JSON, HTML, HTML5 and XML.
* **IDE Tools:** Eclipse, Sublime text, Intellij and PyCharm.
* **Frameworks:** Django, Angular JS and Flask.
* **Database:** MySQL, SQlite, MSSQL, Oracle, MongoDB.
* **DevOps Tools:** Puppet, Ant, Maven, Docker.
* **Deployment Tools:** Jenkins, Heroku.
* **Servers:** Apache Tomcat, WebLogic, WebSphere, Jboss.
* **Web Services:** SOAP, RESTful.
* **Debuggers:** pdb, gdb
* **Programming Methodologies:** Agile and Waterfall.
* **MS Office Tools:** MS Word, MS PowerPoint, MS Excel.
* **Version Control Tools:** Subversion and GIT.
* **Operating Systems:** Windows, Linux (CentOS and Ubuntu).

**Work Experience:**

**Eagle Creek Software Services Sr. Python Full Stack Developer Eden prairie, MN Aug’2016 to present**

**Responsibilities:**

* Responsible for designing, developing, testing, deploying and maintaining the web application.
* Writing views and templates with Python and Django's view controller, templating language to create a user-friendly website interface.
* Used Django configuration to manage application parameters and URL’s.
* Generated Python/Django forms to maintain the record of online users.
* Interacted with PostgreSQL databases both via raw SQL and ORM libraries.
* Designed and developed the UI for the website with HTML, CSS, JavaScript, JQuery and AngularJS.
* Used Bootstrap mechanism to organize and manage HTML page layout.
* Used PyUnit, the python unit test framework for web based applications.
* Placed data into JSON files using python to test Django websites.
* Wrote and executed various PostgreSQL database queries.
* Used GitHub for version control and added project to the Git.
* Implemented SOAP/RESTful web services in JSON format.
* Attended many day to day meetings with developers and users and performed QA testing on the application.
* Involved in debugging and troubleshooting issues and fixed many bugs in two of the main applications which are the main of the data.
* Involved in Linux environment for development of the application.
* Collaborate with Project management and User experience experts regarding product definition, schedule, scope and project related decisions.

**Environment:** Python, Django, PostgreSQL, AngularJS, HTML, CSS, JavaScript, JQuery, CSS Bootstrap, PyUnit, JSON, GitHub, SOAP/RESTful, Agile, IntelliJ.

**CVS Health Company Sr. Python Developer for Data Analytics Cumberland, RI July’2014 to June’2016**

**Responsibilities:**

* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.
* Developed parsers for Extracting data from different sources of web services and transforming to store in various formats such as CSV, Database files then to perform analysis.
* Generated graphical reports using Python package Numpy and Matplotlib.
* Used advance features like pickle/un-pickle in Python for sharing the information across the applications.
* Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from Python using Python-MySQL connector and MySQL db package to retrieve information.
* Utilized Python libraries wxPython, Numpy, Twisted and Matplotlib.
* Used Python library BeautifulSoup for web scrapping.
* Done data analysis with pandas and data visualization using matplotlib.
* Worked on Python OpenStack APIs and used Numpy for Numerical analysis.
* Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Designed and developed data management system using MySQL.
* Performed CRUD operations on the database to manipulate the data per business needs.
* Responsible for debugging and troubleshooting the web application.
* Developed, tested and debugged software tools utilized by clients and internal customers.
* Coded test programs and evaluated existing engineering processes.

**Environment:** Python, Django, MySQL, AJAX, HTML, CSS, JavaScript, JQuery, CSS Bootstrap, PyUnit, JSON, GitHub, Python API’s, IntelliJ, Agile.

**Visa Inc Sr. Python Full Stack Developer Foster City, CA Aug’2013 to June’2014**

**Responsibilities:**

* Developed Login/Registration/Edit of user profile integration with different sites using HTML5, CSS3, jQuery, AJAX, JSON and JavaScript.
* Add, modify and delete all front-end things like fields, buttons, text box, checkboxes, and other miscellaneous stuff associated with the webpage.
* Updating the database with the fields and writing the business logic per requirement.
* Developed the forms and doing the form validation.
* Configured Django admin site & created a custom Django dashboard for end users with custom look and feel.
* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Designed and developed GUI layouts by using HTML, XML, CSS and JavaScript.
* Used Jinja2 for rendering the front-end HTML pages.
* Developed the mobile alerts regarding regular transactions, online purchases, fraud transactions by integrating with 3rd party email, messaging, storage services using twilio. Email alerts have also been developed for the same with the help of Django framework.
* Used HTML5 for the advance features in the form of special tags like the media and the geolocation tag to help find out the location and adding media content on the web pages.
* Used to get the requirements frequently on the things to work on like address change, card management, E-statements, etc.
* Updating our base package like adding work phones, emails as per the requirements.
* Pushing all the changes to the client core, after development, testing in the production and got heads up.
* Used loggers for generating the logs for tracing the lines of code.
* Help on few things from my end in giving valuable inputs to the tester for testing the code which is embedded in the form of modules.
* Used to write SQL queries for operating on the data and performing basic CURD operations on it.
* Created Git repository and used to add the project to GitHub on daily basis.
* Worked in agile environment with a 2 weeks’ sprint and used to develop user stories.
* Provided periodic feedback of status and scheduling issues to the management.

**Environment:** Python, Django, Flask, MS SQL Server, Bootstrap, HTML, CSS, JavaScript, JQuery, AngularJS, CSS Bootstrap, PyUnit, JSON, Git, GitHub, SOAP/RESTful, PyCharm, Agile.

**Ford Motors Python Developer Detroit, MI Nov’2012 to July’2013**

**Responsibilities:**

* Used Python based GUI components for frond end functionality like selection criteria.
* Developed Python code for instantiating multi-threaded application and running with other applications.
* Worked on developing internal testing tools written in Python.
* Developed a portal to manage and entities in a content management system using flask.
* Built web journal with flask framework and Jinja templates.
* Extensively used Python modules such as requests, urllib for web crawling.
* Generated Python Django forms to maintain the record of online users.
* Wrote python scripts to parse XML documents and load the data in database.
* Used Django Database API’s to access database objects.
* Responsible for managing large databases using Panda data frames and MySQL.
* Automation for execution of tests in batch using Shell scripting.
* Worked on front end frame works like CSS Bootstrap for development of Web applications.
* Deployed the project into Heroku using GIT version control system.
* Used Eclipse as IDE for developing the application.
* Proactively worked with managers and development staff to meet project goals within expected timelines.

Environments: Python, Django, Flask, SQLAlchemy, HTML5, AJAX, SQL, MySQL, JavaScript, Eclipse, Linux, Shell Scripting, Apache Cassandra, Bugzilla, Git, GitHub, Heroku, CSS Bootstrap, Maven.

**Software Labs J2EE/Python Developer Hyderabad, India Mar’2012 to Oct’2012**

**Responsibilities:**

* Used Django framework for application development.
* Created entire application using Python, Django, MySQL and Linux.
* Worked in a team, involved in developing the UI, layout and front-end programming (HTML) for web application that matches requirements of the client.
* Generated property list for application using JAVA and handled client side validation using JavaScript.
* Designing templates based on the requirements using CSS, JavaScript.
* Used jQuery core library functions for the logical implementation part at client side for all the applications.
* Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page.
* Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
* Build SQL queries implementing functions, packages, views, triggers, and tables.
* Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Maintaining customer database using MS EXCEL.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.

**Genpact Java/Python Programmer Hyderabad, India July’2010 to Mar’2012**

**Responsibilities:**

* Front end development tools such as HTML, JavaScript and CSS are used in web development.
* Involved in Python OOD code for quality, logging, monitoring, and debugging code optimization.
* Coded JavaScript for page functionality and Pop up Screens and used HTML to make dropdown menus on web pages and display part of a web page upon user request.
* Developed Java application for fetching and merging files in SVN repository and save it to the database.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.
* Responsible for Debugging and Troubleshooting issues.
* Involved in debugging the applications monitored on JIRA using agile methodology.
* Improved code reuse and performance by making effective use of various design patterns.
* Worked with Linux like OS on regular basis.
* Developed applications especially in Linux environment and familiar with all its commands.