**Venkata**

**SUMMARY**:

* Around **7 years** of IT experience in Design, Development and Deployment of various applications using Python.
* Proficient in developing applications using **Python, Django, J2EE, Servlets, JSP, JDBC, XML, SOAP** and **Restful services**.
* Good Experience with **Django**, a high-level Python Web framework.
* Experienced with full **software development life-cycle, architecting scalable platforms, object oriented programming, database design** and **agile methodologies**.
* Experience in developing web-based applications using**Python 2.7/2.6, Django 1.4/1.3, PHP, Flask, Angular.js, XML, CSS, HTML, DHTML, JavaScript** and **JQuery**.
* Experienced in **LAMP** (Linux, Apache, MySQL, and Python) Architecture.
* Experienced in installing, configuring, modifying, testing and deploying applications with **Apache**.
* Proficient in developing **Web Services(SOAP, RESTful)** in Python using **XML, JSON.**
* Strong knowledge in Database Concepts **RDBMS** and writing **SQL Queries, PL/SQL Store Procedures, triggers in databases like Oracle, MS SQL Server.**
* Wrote **AJAX** framework to transform Datasets and Data tables into HTTP-serializable **JSON strings.**
* Experience with Design, code, and debug operations, reporting, data analysis and web applications utilizing Python.
* Proficient in Front end development experience using **HTML, XML, CSS, JQuery, JSON, JavaScript, CSS** and **Bootstrap.**
* Experience in working on Application Servers like **WebSphere, WebLogic, Tomcat**, and Web Servers like **Apache Server**, **NGINX** and Integrated Development Environments like **PyCharm, Eclipse, MyEclipse** and **RAD.**
* Experience configuring and developing with different Database servers including **MySQL, MSSQL and Oracle.**
* Experience in using **UNIX shell Scripts** for automating batch programs.
* Have the ability to understand complex systems and be in command of the details to provide solutions.
* Experience includes Database Design, Analysis and Development with **MySQL, Oracle 10g/9i, SQL Server.**
* Experience in handling Version Control Systems like **IBM ClearCase, SVN, CVS and Perforce.**
* Proficient in Software Design and Development with a solid background in Developing and Experience developing applications in Linux Environment.
* 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.
* Experienced in **Agile Methodologies** and **SCRUM Process.**
* Experience with **Unit testing/ Test driven Development (TDD), Load Testing.**
* Excellent debugging, problem solving, optimization and testing skills.

**Education**:

* Bachelor of Technology, Computer Science Engineering, JNTU-Kakinada, 2008

**Technical Skills:**

|  |  |
| --- | --- |
| **Programming Languages** | Python, Java, C, C++ |
| **Frameworks** | Django, Flask, Cherrypy, Node.JS, Angular.JS |
| **Web Technologies** | HTML, CSS, XML, JQuery, JavaScript, AJAX, DOM |
| **Cloud Services** | AWS(EC2, S3, ELB), Google App Engine, Azure |
| **Python Libraries** | ReportLab, HTTPLib2, Urllib2, Numpy, Matplotlib, Scipy, Pandas, Pickle, bs4 |
| **IDE’s** | PyCharm, PyDev, NetBeans, Sublime Text2, Visual Studio Community |
| **SQL Databases** | MySQL, SQLite, PostgreSQL |
| **NoSQL Databases** | MongoDB, Cassandra |
| **Database Tools** | MySQL Benchmark, SQLite Expert Personal, Robomongo |
| **Servers** | Apache Tomcat, IIS, websphere |
| **Version Control Systems** | CVS, SVN, Git, GitHub |
| **Operating Systems** | Windows, Mac, UNIX, RedHat Linux, Ubuntu, Fedora |
| **Agile Methodologies** | TTD, SCRUM |
| **Protocols** | TCP/IP, HTTP/HTTPS, REST, SOAP |

**Professional Experience:**

**Renew Financial, Portland,Oregon Feb'2015-Till date**

**Role: Sr. Python Developer**

**Responsibilities:**

* Analyzed system requirements specifications and also in client interaction during requirements specifications.
* Designed the front end of the application using **Python**, **HTML, CSS, AJAX, JSON** and **JQuery**. Worked on backend of the application, mainly using Active Records.
* Analysis and Design of application.
* Created UI using **JavaScript** and **HTML5/CSS**.
* Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.
* Writing backend programming in Python.
* Used JavaScript and XML to update a portion of a webpage.
* Implemented web applications in Flask, Zope frameworks following **MVC** architecture.
* Develop consumer based features and applications using Python, **Django**, HTML, behavior Driven Development (BDD) and pair based programming.
* Performed **Unit testing, Integration Testing, GUI** and **web** application testing.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.
* Experience with advanced CSS concepts and also building table-free layouts.
* Worked on front end frame works like **CSS Bootstrap** for development of Web applications.
* Experienced in writing SQL Queries and implementing stored procedures, functions, packages, tables, views, Cursors, triggers.
* Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.
* Manage, collaborate and coordinate the work of an offshore development team.
* Special skills in developing user friendly, simple yet effective web based applications.
* Worked in **MySQL** database on simple queries and writing Stored Procedures for normalization and renormalization.
* Used many regular expression in order to match the pattern with the existing one.
* Build SQL queries for performing various CRUD operations like create, update, read and delete.
* Skilled in using collections in Python for manipulating and looping through different user defined objects.
* Work with team of developers on Python applications for **RISK** management.
* Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Used **Pandas** library for statistics Analysis.
* Improved code reuse and performance by making effective use of various design patterns.
* Created most important Business Rules which are useful for the scope of project and needs of customers.
* Designed the architecture of the hardware environments and methodology of the code.
* Worked in development of applications especially in **UNIX** environment and familiar with all of its commands.

**Environment: Python 2.7, Django 1.4, HTML5, CSS, XML, PostgreSQL, MySQL, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, CSS Bootstrap, MS SQL Server, JavaScript, Eclipse, Git, GitHub Linux, Shell Scripting.**

**Bank of Tokyo, Jersey City, NJ Dec'2013 - Jan'2015**

**Role: Python Developer**

**Responsibilities:**

* Generated **Python Django** Forms to record data of online users.
* Created PHP/MySQL back-end for data entry from Flash. I had to assist the Flash developer send the correct data via query strings.
* Developed monitoring and notification tools using Python.
* Created Data tables utilizing **PyQt** to display user and policy information and add, delete, update user’s records.
* Wrote Python routines to log into the websites and fetch data for selected options.
* Handled all the client side validation using **JavaScript**.
* Designed and created backend data access modules using **PL/SQL** stored procedures and Oracle.
* Good experience in writing SQL Queries and implementing stored procedures, functions, packages, tables, views, Cursors, triggers.
* Experience in using collections in Python for manipulating and looping through different user defined objects.
* Developed and executed User Acceptance Testing portion of test plan.
* Generated Python Django forms to record data of online users and used **PyTest** for writing test cases.
* Involved in capturing the requirements for serial functional interface and other software requirements specification document.
* Responsible for generating and delivering the complete status reports of each banker.
* Worked with the stakeholders to gather requirements.
* Built development environment with **JIRA**.
* Developed entire frontend and backend modules using Python on **Django** Web Framework.

**Environment:** Python, MySQL, Django, Flask, PHP, XML, Linux, HTML, Java script, Windows.

**Pacific Global Bank, Chicago, IL July'2012-Nov'2013**

**Role: Python Developer**

**Responsibilities:**

* Worked with team of developers on Python applications for RISK management.
* Developed Python /Django application for Google Analytics aggregation and reporting.
* Used Django configuration to manage URLs and application parameters.
* Generated **Python Django** Forms to record data of online users
* Used Python and Django creating graphics, XML processing, data exchange and business logic implementation
* I have used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* 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.
* Used Python based GUI components for the front end functionality such as selection criteria.
* Designed and developed the UI of the website using **HTML, XHTML, AJAX, CSS** and **JavaScript.**
* Also used Bootstrap as a mechanism to manage and organize the html page layout.
* Used Django configuration to manage URLs and application parameters.
* Added support for Amazon **AWS S3** and RDS to host static/media files and the database into Amazon Cloud.
* Utilized **PyUnit**, the Python unit test framework, for all Python applications.
* Used **HTML, CSS, JQuery, JSON** and **JavaScript** for front end applications.
* Involved in development of Web Services using **SOAP** for sending and getting data from the external interface in the XML format.
* Written queries in **MySQL** and **Native SQL**.
* Worked in an agile development environment.
* Used **GitHub** for version control.

**Environment: Python, Django, Panda API, JSON, PHP, Flash, HTML, CSS, AJAX, JQuery, Bootstrap, AWS, PyUnit, XML, SOAP, GitHub, Jira, Agile, SQL, MYSQL and Windows.**

**St. Vincent Health Care, Dallas, TX Nov’2011– June’2012**

**Role: Python Developer**

**Responsibilities:**

* Involved in Design, Development and Support of the application used **AGILE** methodology and participated in SCRUM meetings.
* Developed user interfaces using **HTML, DHTML, CSS, Java Script, JQuery** and **AJAX** in order to provide specific Look and Feel to the application.
* Design, develop, test, deploy and maintain the website.
* Developed entire frontend and backend modules using Python on **Django Web Framework**.
* Designed and developed data management system using **MySQL**.
* 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.
* 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.
* 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.**

**Mojax Soft Informatics, India Mar'2010 - Oct'2011**

**Role: Java Developer**

**Responsibilities:**

* Design and development of UI Screens using **JSP, HTML, CSS and JavaScript**.
* Developed **Controller Servlets** and Action Servlets to handle the request and responses.
* Developed and coordinated complex high quality solutions to clients using **IBM Products/Tools, Apache Tools, J2SE, J2EE, EJB, Servlets, JSP, HTML, JavaScript, JQuery, JSON and XML.**
* Developing the web applications using Spring Framework, Hibernate.
* Applying Spring Framework for transaction Management and **Spring JDBC** for building **ORM**, and for **AOP** and **Dependency Injection**.
* Responsible for using **AJAX** framework with JQuery, Dojo, ExtJs implementation for Widgets and Events handling.
* Customizing Log4J for maintaining information and debugging.
* Preparing builds, deploy and co-ordinate with the release management team to ensure that the proper process is followed during the release.
* Customizing third party vendor information using **Web services.**
* Developed Request Cash Message and get Cash plugins using **Java Beans**.
* Designed **DTD's** for XML representation of data.
* Worked with development of data access beans using hibernate, middle ware web service components.
* Develop the GUI using JSP, spring web flow following spring web **MVC** pattern.
* Implemented persistence layer using **Hibernate** that use the POJOs to represent the persistence database tables.
* Used **SVN** for version control across common source code used by developers.
* Written the **JUNIT** test cases for the functionalities.
* Used **Log4j** for application logging and debugging.

**Environment: Java, JDK, J2EE, JSP, Spring, Servlets, JavaScript, XML, HTML, CSS, WebServices (RESTful), XML, XSLT, Ajax, Log4j, Tortoise SVN, Rational Application Developer, WebSphere application server, Red Hat Linux, JBOSS.**

**Zydus Cadila Ltd., India Sep'2008 - Feb'2010**

**Role: Software Engineer**

**Responsibilities:**

* Involved in the creation of High Level Design and Low level documents.
* Worked with business and user groups to identify and implement functional enhancements and new requirements.
* Wrote Core **Java classes, JSP** and **HTML** files.
* Developed interactive and user friendly web pages using **JSP, CSS, HTML, JavaScript, JQuery**.
* Developed, implemented and maintained an asynchronous, AJAX based rich client for improved customer experience.
* Used Struts framework for the **MVC** architecture.
* Developed Action Classes for **Struts framework** and implemented java classes for corresponding Strut Actions
* Developed **EJB’s** for user profile persistence, and applied Session Façade design pattern for stateless session beans.
* Involved in writing **PL/SQL** and complex SQL queries.
* Worked with **DB2** for data verification.

**Environment: Servlets, JSP, EJB, ANT, Struts 1.1, JavaScript, JQuery, XML, HTML, WebSphere 5.x, WSAD 5.x, SQL Server 2005, Windows NT.**