**Sarang**

**Professional Summary:**

* Over all **5 years** of IT experience in developing and deploying projects with **Python,** and **frameworks** such as **Django , Flask, Pyramid, ZOPE, Bottle** also expertise using **MySQL, HTML, JavaScript, MVC-AJAX**.
* Experienced in developing web-based application using **Python2.x/3.x, Django 1.x/2.x, PHP, Flask, Webapp2, Angular JS, C++, CSS, HTML, DHTML, JavaScript and jQuery**.
* Experienced in **Object-Oriented** design and coding.
* Good knowledge of various **Design Patterns**, **Multi-threading**, **Collections** and **UML** concepts byusage in **python** and **java**.
* Strong Experience in web-based **UI** design and interface development using **JSP, HTML, DHTML, CSS, Bootstrap, JavaScript, Angular JS, Backbone JS, JQUERY, AJAX** and **JSON**.
* Worked on front end frame works like **Bootstrap** for responsive webpages.
* Worked on several python packages like **NumPy, SciPy, Matplotlib, Beautiful Soup, Urllib2, Pandas** and **CSV**.
* Experience in implementing **Model View Control (MVC)** architecture using **Server-side** application like **Django. Flask and Pyramid** for developing web applications.
* Worked on Libraries such as **Pyjamas** and **Jython**.
* Hands-on experience in building web and enterprise applications in various domains like Health**, Banking/Financial** Services, Insurance, Public Sector, and Software Service verticals.
* Worked on automation using the Python scripting language, **Git** on **Cygwin32** and XML.
* Experience with **Web Development, Web Services, Python** and the **Django** framework.
* Experience 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**.
* Proficient in using editors **Eclipse, PyCharm, PyScripter, Notepad++** **and Sublime Text** while developing different applications.
* Professional in designing and maintaining complex **SQL** queries and developing **PL/SQL** stored procedures.
* Experience in writing **Sub Queries, Stored Procedures, Triggers, Cursors** and **Functions** on **MySQL, Oracle** and **PostgreSQL** database.
* Experience configuring and developing with different Database servers including **MySQL, MSSQL, Oracle** and **Mongo Db.**
* Experience in working with **Relational DB (RDBMS)** like **SQLite, MYSQL, Workbench, PostgreSQL and No-SQL database MongoDB** for database connectivity.
* Good experience with cloud platforms like **Amazon AWS** and Google AppEngine.
* Experience with **WAMP** and **LAMP** environments.
* Experience in various stage of **Software Development Life Cycle(SDLC)** includes requirements, analysis, design, development, deployment and testing of an application for business outputs.
* Worked with **Agile-based SDLC (Scrum)** and **Waterfall** **software development life cycle.**
* Familiar with Cross Browser Testing and Debugging.
* Worked on **JIRA** for bug tracking and communicating for better results.

**TECHNICAL SKILLS:**

**Programing Language:** C, Python, Django, Java, J2EE, SQL, PL/SQL, Java Script libraries, AngularJs, BackboneJs.

**Frameworks:** Django, Flask, Pyramid, PyJamas, Jython, AngularJs Spring, Hibernate.

**Web Technologies:** HTML/HTML5, CSS/CSS3, BOOTSTRAP, XML, Adobe CQ5, AEM JavaScript, Angular JS, jQuery, AJAX, JSON, React Js, Node.js.

**Scripting Language:** HTML, HTML5, XHTML, DHTML, JavaScript, CSS, DOM Scripting, XML, AJAX, JSON.

**Python Libraries:** Anaconda 3.4, NumPy, SciPy, Matplotlib, Urllib2, Pandas, CSV and Python-twitter.

**Java J2EE Technologies:** Java, JDBC, Servlets, JSP, Struts, JSTL, XML, Spring, Hibernate, Web Services

**Database:** Oracle 8i/9i/11g, MySQL, SQLite, Mango DB.

**Operating Systems:** Windows, Python, SQLite Linux, MAC.

**IDE:** Eclipse, WebStorm, PyCharm, Pystudio, Pyscripter, Dream Notepad++, viewer, Sublime text.

**Web Server:** Apache Tomcat, Web logic, Amazon AWS, LAMP, WAMP, WebSphere, JBoss, HTTP Server.

**Testing Tools:**  Bugzilla, Jasmine, PyUnit, J Unit, JIIRA.

**Version Control:** Git and SVN.

**AT&T Bothell, WA Nov 2016 – July 2018**

**Role: Python Developer**

**Responsibilities:**

* Development of test cases and execution of Manual and Automated Test cases for Tablets and Mobiles.
* Designing mobile search application system requirements and coded back-end and front-end in **Django**/**Python**.
* Working on multiple projects such as development of functionality Test cases for **Portable devices** and Web development in **Media Validation Team**.
* Designed the front-end web pages using **HTML**, **JavaScript, Angular JS, jQuery** and **AJAX**. Used **CSS** for better appearance. Writing templates for front end pages where we include HTML pages and JavaScript files.
* Developing the firmware OS for mobile devices and communicating with other testing teams for better functionality OS.
* Developed the back-end web services using **Python** and **Django REST** framework.
* Performing Functional testing, regression testing, integration testing, and communication testing.
* Regular interaction with developers at different locations in resolving issues successfully.
* Found **critical bugs** in the firmware and helped other teams in making the software stable.
* Migration of Test Content to Automation Tool using **Python** and **XML**.
* Creating database schema for **MySQL** Database and helped to draw ER-Diagrams using Microsoft Visio.
* Development of **Media OS** based Validation test content in **ACS** (Automation) using **Python** and **XML**.
* Experience in **UNIX** environment in developing the application and familiar with all of its commands.
* Validate test content in Emulation for **SoC Display Controller**.
* Used **Git** and **Jira** for code submissions and review process.
* Worked in developing the screens for delete, Edit, Enable, Disable and Impersonate Users in web application.
* Implemented task object to interface with data feed framework and invoke database message service setup and update functionality.
* Analyses and improves application efficiency by optimizing queries and caching contents for **Django**
* Managed code versioning with **GitHub** and deployment to staging and production servers.
* Execute Display Controller regression tests with every firmware build release.
* Reporting Issues using Excel to senior members in the team.

**Environment: Python 2.7, Django 1.4, Anaconda3.4, Couchbase Python SDK, PyQt, HTML, XHTML, JavaScript, Angular JS, Azure, jQuery, CSS, AJAX, ITP, MySQL, XML, Linux, Git (Cygwin32), ADB, Logic Analyzer, Apache Webserver.**

**Creehan & Company, PA Nov 2015 - July 2016**

**Role: Python Developer.**

**Responsibilities:**

* Designed and developed the UI of the website using **HTML, AJAX, CSS** and **JavaScript.**
* Used **Django Database API**'s to access database objects.
* Design, develop, test, deploy and maintain the website.
* Wrote python scripts to parse **XML** documents and load the data in database.
* Rewrite existing **Python/Django** modules to deliver certain format of data.
* Designed and developed data management system using **MySQL**.
* Handled all the client-side validation using **JavaScript**.
* Worked extensively with **Bootstrap, JavaScript,** and **jQuery** to optimize the user experience.
* Used **Selenium** Library to write fully functioning test automation process that allowed the simulation of submitting different we request from multiple browser to web application.
* Used **Python** and **Django** to interface with the **jQuery UI** and manage the storage and deletion of content.
* Involved in development of Web Services using **SOAP** for sending and getting data from the external interface in the **XML** format.
* Responsible for debugging the project monitored on **JIRA** (Agile)
* Used jQuery for all client-side JavaScript manipulation.
* Created unit test/regression test framework for working/new code
* Using Subversion control tool to coordinate team-development.
* Built development environment with **JIRA, Stash/Git**.
* Developed entire frontend and backend modules using **Python** on **Django Web Framework**.
* Responsible for debugging and troubleshooting the web application
* Created data access using **SQL** and **PL/SQL** stored procedures.
* Performed Unit/System test.
* Written many programs to parse excel file and process many user data with data validations

**Environment: Python 2.6, SciPy, Pandas, Bugzilla, SVN, C++, Java, jQuery, MS SQL, Visual Basic, Linux, Eclipse, Java Script, XML, JASPER, PL/SQL, Bootstrap, Oracle 9i, Shell Scripting, HTML5/CSS, Apache.**

**Experian, Costa mesa, CA May 2013 – Oct 2015**

**Role: Python developer**

**Responsibilities:**

* Used **Python, Django** and **Zope** frameworks to develop applications.
* Implemented business logic using Python 2.7.
* Used **HTML, CSS, JavaScript** and **jQuery** and Implemented **AJAX** for dynamic functionality of a webpages for front end applications.
* Worked on front end frame works like Bootstrap for responsive webpages.
* Managed large datasets using Pandas data frames and **MySQL**.
* Developed and executed various MySQL database queries from python using **Python-MySQL** connector and MySQL database package.
* Implemented **SQL** Alchemy which is a python **ORM** library for complete access over SQL.
* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for Oracle Database.
* Fetched twitter feeds for certain important keywords using python-twitter library.
* Used Python library Beautiful Soup for web scrapping.
* Worked on Python OpenStack APIs and used **NumPy** for Numerical analysis.
* Used **AJAX** and **jQuery** for transmitting **JSON** data objects between frontend and controllers.
* Designed and managed API system deployment using fast http server and Amazon AWS architecture.
* Various **static/media** files along with database were hosted into Amazon cloud and support for Amazon AWS S3 and RDS was added.
* Implemented monitoring and established best practices around using elastic search.
* Install and configuring monitoring scripts for **AWS EC2** instances.
* Worked with the design team for project structure.
* Created a Git repository and added the project to GitHub.
* Wrote Python scripts to parse **XML** and **JSON** documents and load the data in database.
* All projects adhered to agile principles to deliver commitments, meet acceptance criteria and ensure fast releases.
* Handled all the client-side validation using **JavaScript.**

**Environment: Linux and Windows, Python/Django, Python/Zope, HTML, JavaScript, CSS, jQuery, AJAX and BOOTSTRAP, REST, MySQL, Elastic Search, SQL, Apache, Ubuntu.**