**PROFESSIONAL SUMMARY**

* 8+ Years of experience in Analysis, Design, Development, Testing, Customization, Bug fixes, Enhancement, Support and Implementation of various web, stand-alone, client-server enterprise applications.
* Experience in software development in Python using Django framework.
* Worked on several python packages like Numpy, Scipy, MatPlotLib, Beautiful Soup, Urllib2, Pandas, and CSV.
* Worked on various applications using python integrated IDEs Sublime Text, PyCharm.
* Strong expertise in development of web based applications using Python, PHP, C#, HTML, Angular JS, CSS, JavaScript, ASP. Net, AJAX, JQuery, JSON and BOOTSTRAP, BASH Scripting.
* Experienced in relational databases like MS SQL server, MySQL, PostgreSQL, SQLite3, Oracle and non-relational databases like Mongo DB, Saas.
* Installed Hadoop, Map Reduce, HDFS, and AWS and developed multiple Map Reduce jobs in PIG and Hive for data cleaning and pre-processing.
* Good experience in developing web applications implementing MVT/MVC architecture using Django, Flask, Webapp2 and spring web application frameworks.
* Architecture, size (Capacity planning), Data modeling, implementation and support Cassandra Clusters including install, configure and upgrade DSE v3/4 (Cassandra v 1/2.x) and OpsCenter v 4.x/5.x on Bare metal and Cloud including AWS (Amazon Web Services).
* Experience working in java and .Net environment.
* Experience in using Python REST API Frame work using Django.
* Familiar with XML/JSON based REST web services and Amazon Web services (AWS).
* Experience in using various version control systems like Git, Github and SVN.
* Experience in working with different operating systems like UNIX, LINUX and WINDOWS.
* Understanding server Apache Tomcat, IIS and Nginx.
* Expertise in Object-Oriented design, coding and open stack development.
* Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.
* Skilled in writing and reviewing requirements, architecture documents, test plans, design, documents, quality analysis and audits.
* Skilled in debugging/troubleshooting issues in complex applications.
* Exceptional problem solving and decision making capabilities, recognized by associates for quality of data and alternative solutions.
* Quick learner and flexible to work on multiple technologies.
* Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.

**Technical Skills:**

* ***Primary Languages:***Python, Java, C,C#
* ***Python Libraries*:** Beautiful Soup, numpy, scipy, py2neo, Neo4j, python-twitter, Pandas data frame, urllib2
* ***Frameworks*:** Bootstrap, Django, Node.JS, Flask, PyJamas, Pyramid, Hibernate
* ***Database*:** Sqlite3, MSSQL, MySQL, Mongo DB, Oracle 11g,NoSQL
* ***IDE’s*:**PyCharm, Eclipse, NetBeans, MS Visual Studio, PyDev, RIDE
* ***Servers*:**Apache Tomcat, Web Sphere, JBoss, Web Logic, XAMPP
* ***Web Technologies*:**HTML, CSS, DHTML, XML, Java Script

**PROFESSIONAL EXPERIENCE**

**Fidelity Insurance, Rhode IslandOct 2015 – Till Now**

**Python Developer**

**Responsibilities:**

* Business logic implementation, data exchange, XML processing and graphics creation has been done using Python and Django.
* Views and Templates were developed with Python and to create a user-friendly website interface Django's view controller and template language is used.
* Developed UI using CSS, HTML, JavaScript, AngularJS, JQuery and JSON.
* DB2 SQL Procedures and UNIX Shell Scripts were designed and developed for Data Import/Export and Conversions
* A Django dashboard with custom look and feel for end user has been created after a careful study of the Django admin site and dashboard.
* Unit Test Python library was used for testing many programs on python and other codes.
* Worked on selenium testing framework.
* JIRA was used to build an environment for development.
* Assisted in reduction of cost and optimization of supplier selection for the CRM Applications.
* Ensured high quality data collection and maintaining the integrity of the data.
* Cleaned data and processed third party spending data into maneuverable deliverables within specific formats with Excel macros and python libraries.
* Used several python libraries like wxPython, numPY and matPlotLib.
* Was involved in environment, code installation as well as the SVN implementation, Saas.
* Build all database mapping classes using Django models and Cassandra.
* Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Designed and developed data management system using MySQL.
* Working Knowledge in NoSQL Databases like Cassandra.
* Testing, evaluation and troubleshooting of different NoSQL database systems and cluster configurations to ensure high-availability in various crash scenarios.
* This project also used other technologies like JQuery for java script manipulations, bootstrap for the front-end html layout and BASH Scripting.
* Written functional phpunit test cases for Data Layer, and Search server classes using Django, Curl, XML, JSON, REST base services, and Mongo DB.
* Used Github for version control and added support for Amazon AWSS3 and RDS to host static/media files and the database into Amazon Cloud.
* Responsible for debugging and troubleshooting the web application.
* Coded test programs and evaluated existing engineering processes.
* Designed and configured database and back end applications and programs.
* Performed research to explore and identify new technological platforms.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Resolved ongoing problems and accurately documented progress of a project.

**Environment:** Python 2.7, scipy, Pandas, Mongo DB, Bugzilla, SVN, C++, Java, JQuery, MySQL, Linux, Eclipse, Shell Scripting, HTML5/CSS. Red hat Linux, Apache, BASH, RUBY, Cassandra, AWS, Saas.

**KeyBank, Cleveland, OH Aug 2014- Sep 2015**

**Python/Django developer**

**Responsibilities:**

* Involved in software development life cycle (SDLC) of tracking the requirements, gathering, analysis, detailed design, development, system testing and user acceptance testing.
* Created entire application using Python, Django under Linux environment.
* Worked on writing and as well as read data from HTML, CSV and EXCEL file formats.
* Used various python libraries for data analysis.
* Used Pandas library for statistical Analysis.
* Carried out various mathematical operations for calculation purpose using python libraries.
* Built various graphs for business decision making, using Python matplotlib library.
* Created specific images using Python Imaging Library for the custom images used for each book.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Worked on JavaScript MVC Framework like Angular JS and BASH Scripting.
* Involved in designing user interactive web pages as the front end part of the web application using various web technologies like HTMLAsp.Net, JavaScript, Angular JS, JQuery, AJAX and implemented CSS for better appearance.
* Used AJAX to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire web page.
* Implemented code to perform CRUD operations on Mongo DB using PyMongo module.
* Worked in MySQL database on simple queries and writing Stored Procedures for normalization.
* Implemented and modified various SQL queries and Functions, Cursors and Triggers as per the client requirements.
* Experienced in web applications development using Django/Python, .NET/C#.
* Used many regular expressions in order to match the pattern with the existing one and store them in data base on a chronological basis.
* Developed remote integration with third party platforms by using RESTful web services.
* Managed code versioning with GitHub and deployment to staging and production servers.
* Worked under UNIX environment in development of application using Python and familiar with all of its commands.
* Utilize PyUnit, the Python unit test framework, for all Python applications.
* Experience in debugging and troubleshooting programming related issues.
* Deployment of the web application using the Linux server.

**Environment:** Python 2.7, Django 1.7, C#, HTML5, CSS, MySQL, .Net, JavaScript, Angular JS, JQuery, BASH, CSS and BOOTSTRAP, SQL, Windows, Linux, Unix

**VISA, Foster City, CA Jun 2013 - Jul 2014**

**Python/Django Developer**

**Responsibilities:**

* Automation for execution of tests in batch using Shell scripting in python.
* Parsers written in Python for extracting useful data from the design data base.
* Development of data structures, xml parsing using Python.
* Usage of advance features like pickle/unpickle in python for sharing the information across the applications.
* Used Django database API's to access database objects.
* Used Celery with RabbitMQ, MySQL, and Flask to create a distributed worker framework.
* Rewrite existing Python/Django modules to deliver certain format of data.
* Generated graphical reports using python package Numpy and matPlotLib.
* Representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs.
* Development of Python APIs to dump the array structures in the Processor at the failure point for debugging.
* Wrote programs to parse excel file and process many user data with data validations.
* Wrote python scripts to parse XML documents and load the data in database.
* Developed front end page using HTML, CSS, JavaScript and JQuery.
* Generated property list for every application dynamically using python.
* Collecting the several usage models and functions from the team members.
* Developing and maintenance of the tool that abstracts the information for the user.
* Used multithreading and multiprocessing to serve multiple client requests
* Designed and developed SQL procedures and Linux shell scripts for data import/export and data conversions.
* Utilized various IDEs and internal debug tools during debugging.
* Used SVN for version control.
* Maintaining the data with different levels of access privileges.
* Coordinating with the design team members to provide the data in required format.

**Environment:** Python 2.7, Django 1.4, HTML, CSS, XML, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, CSS Bootstrap, MS SQL Server, Adobe CQ, TFS, T-SQL, JavaScript, Eclipse, Git, GitHub Linux, Shell Scripting.

**Cloud Software, Hyderabad, India Oct 2010 - Nov 2012**

**Python/Django Developer**

**Responsibilities:**

* Designed and Developed the Solution Architecture package to identify all possible solutions for the project

using UML methodologies.

* Used J2EE Design patterns (Singleton, Service Locator and DAO)
* Implemented MVC Architecture using JSF and Struts framework and custom tag libraries.
* Developed a multi-user web application using JSP, JSTL, Action Forms, Action Classes, JavaScript and
* JDBC to provide the needed functionality.
* Used Hibernate for data manipulation and access.
* Used Spring AOP and dependency injection framework for business aspect of the application and DAO for data access.
* Testing - unit testing & integration testing of the application.
* Developed Java beans and JSP's by using spring and JSTL tag libs for supplements.
* Designed and developed middleware, using RESTful web services based on a centralized schema which

is consumed by thousands of users.

* Worked on Python Modules and Packages also structures.
* Deployed Django web application in Apache webserver and carpathia cloud web deployment.
* Used RAD 7.0 for implementing Static and Dynamic web services for consuming and providing services

related to the business.

* Created creating tables, data manipulation and retrieval using Oracle and DB2.
* Used MQ Series to send, receive and read the messages and also Created Queues.
* Involved in the deployment process of the application on Web Sphere Application Server.
* SVN are used as source code controls and developed test cases using JUnit.
* Deployed the Web application using ANT build script
* Used Mercury Quality Center for requirement management, executing the test plans and defect

management.

* Used SOA architecture for communication between various business entities.
* Communicated with the business people to get more clarity on the requirements/changes.

**Environment:** Java, Spring, Python, JavaScript, JDBC, XML, JAXB, Web services, SOAP, WSDL, Hibernate, Spring, IBM MQ, PL/SQL, Web Sphere, RAD 7.0, JUnit, Oracle 10g, DB2, Mercury Quality Center, SVN.

**Pixels InfoTech, Hyderabad, India Apr2008 – Aug 2010**

**Php Web Developer**

**Responsibilities:**

* Discussing the new requirements and coordinating with team to develop the internal design & \* Architecture of various portals in PHP.
* Working on development of new modules of the ongoing portals for cross carriers as well as up gradations of existing modules.
* Responsible for working on various fixes of the existing portals and building the hierarchy of new interface for cross carriers as well as carrier specific portals into customized framework maintained by the company.
* Responsible for solving the security patches of all the service link portals related to PCI compliance and deploying it into Zend servers.
* Working on complex queries to solve vulnerability of various legacy systems in DB2.
* Re mediating the code-base with the depreciated functions that are no longer supported with 4.4 & modifying the business logic to make it supportive to PHP 5.3.
* Working on customized framework developed internally within the interface to remove all the security patches related to PCI compliance.
* Working on various APIs such as payment Integration tools as well as on various protocols such as LDAP and SSO for integration of windows authentication in the application.
* Working on the legacy internal intranet application, re mediating all the depreciated functions of the version greater than 4.0 and make it compatible till 5.3.
* Participating in the meetings with Directors and team managers also QA Lead analysts to discuss about the plan of the project, resource allocation, effort estimation and deployment schedule.

**Environment:** PHP5, MySql, DB2, NuSpherePhpED, NetBeans 8.0.2, Serena Dimensions, Zend Servers, Quality Center 10.0, GitExtensions, Java Script, jQuery, Linux.