**Srikanth**

**Professional Summary:**

* Over **7+ years** of IT experience in analysis, design, development, implementation and testing of various stand-alone and client-server architecture based enterprise application software using Python, Django in various domains.
* Experienced in developing **MVC** based web applications using **Django**, **Flask** and **Pyramid** Frameworks.
* Experienced in developing Applications using **Python3.4/2.7, Django 1.9/1.8/1.7,CSS**, **HTML**, **JavaScript**, **Angular JS** and **JQuery**by following W3C standards.
* Worked on several standard python packages like **Numpy**, **matPlotLib**, **Pickle**, **PySide**, **Scipy**, **wxPython**, **PyTables, BeautifulSoup, Pandas dataframe, urllib2,** etc.
* Experience in implementing with server side technologies with restful API and MVC design patterns with **node JS** and **Django** framework.
* Extensive knowledge and experience in developing Single Page Applications (SPA) using **AngularJS**.
* Excellent working knowledge in **UNIX** and **Linux** shell environments using command line utilities and also **Shell Scripting, Perl, SQL Server**.
* Good knowledge of web services with protocols **SOAP, REST.**
* Leveraging queueing architectures with **RabbitMQ** for scalability, performance and building.
* Have good knowledge on **No-SQL** databases like **MongodB.**
* Successfully migrated the Django database from **SQLite** to **MySQL** to **PostgreSQL** with complete data integrity.
* Proficient in developing complex **SQL** queries, **Stored Procedures, Functions, Packages** along with performing **DDL** and **DML** operations on the database.
* Worked on Python Testing frameworks like **Zope, Pytest, Nose and Robot framework.**
* Experience in developing applications using amazon web services like **EC2, Cloud Search, Elastic Load balancer ELB, S3, CloudFront**.
* Understanding of Python best practices (**PEP-8**).
* Quality of source code is improved by using **Pylint**.
* Experience in working with application servers like **Apache Tomcat, WebLogic, WebSphere**
* Wrote Junit test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins** in the builds triggered by each push to **GIT**.
* Hands on experience in working with various Version Control Systems, mostly **GIT**, **CVS** and subversion **SVN**.
* Having experience in **Water Fall,Agile Methodologies, Scrum stories** and **Sprints** experience in a Python based environment.
* Experience with databases using **ORMs/DOMs** for integrating with **MySQL**, **MongoDB**, **Cassandra**, **SQLite**
* Good experience in handling errors/exceptions and debugging the issues in large scale applications.
* Excellent Interpersonal and Communication skills, Efficient Time Management and Organization Skills, ability to handle Multiple-Tasks and work well in a Team-Environment.
* Profound experience in cross platform application development and maintenance like **Linux**, **Windows**, and **MAC**.
* Skilled in debugging/troubleshooting issues in complex applications.
* Good knowledge in **CORE JAVA** and **OOPS** concepts.
* Experience in designing and developing multi-tier enterprise applications using **Java, J2EE** related technologies such as **Servlets, Struts, spring, JDBC, Hibernate, XML, JSP, HTML and Web Services**.
* Willing to learn and adapt to new technologies.

**Technical Skills:**

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| **Operating Systems** | Windows 98/2000/XP/7,8, Mac OS, UNIX and Linux CentOS, Debian, Ubuntu |
| **Programming Languages** | Python, Java, C, SQL |
| **Web Technologies** | HTML/HTML5, CSS/CSS3, XML, DOM, AJAX, jQuery, JSON and Bootstrap. |
| **Frameworks** | Django, Flask, Pyramid, PyJamas, Jython, Angular JS, Node JS, Spring, Hibernate |
| **Webserver** | Apache HTTP webserver, WebLogic, WebSphere, JBoss and Apache Tomcat |
| **IDE** | Eclipse, webstorm, Sublime Text, Brackets, Pycharm, Pystudio, Pyscripter. |
| **Analytic Tools** | Google Analytics Fiddler |
| **Cloud Computing** | AWS EC2, S3, RDS(MY SQL), SQS |
| **Deployment Tools** | Heroku, Amazon EC2, Jenkins and Fabric |
| **J2EE** | JDBC, JNDI, JSP and servlets |
| **Databases** | Oracle 8i/9i/10g/11g, MySQL, Sqlite3, Cassandra, Redis and mongo DB |
| **Testing Tools** | Bugzilla, Jasmine, Pyunit, JIRA and Junit, zope, pytest, nose, Robot |
| **Protocols** | TCP/IP, HTTP/HTTPS, SOAP |
| **Version Control Tools** | Git, SVN, CVS |

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| 1.PROJECT DESCRIPTION |  |
| INDUSTRY | Technology |
| CLIENT | HP |
| PROJECT SPECIFIC SKILLS | Python 3.4,2.7, Django 1.9,1.8, HTML5, CSS3, XML, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, CSS Bootstrap, Puppet MS SQL Server, Amazon s3, Jenkins, Mongo DB, Elastic search, T-SQL, Beautiful soup, PyMongo, TFS, JavaScript, Eclipse, Git, GitHub, Linux |
| DURATION | Sep 2015 to present |
| LOCATION | Dallas, Texas |
| ROLE | Sr. Python Developer |

**RESPONSIBILITIES**:

* Analyzed the system requirement specifications and also in client interaction during requirements specifications.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the **HTML, CSS, JavaScript** and **JQuery**.
* Developed the project in **Linux** environment.
* Developed entire frontend and backend modules using Python on **Django** Web Framework.
* Worked on Python **OpenStackAPIs** and used **Numpy** for Numerical analysis.
* Used **Ajax** and **JQuery** for transmitting **JSON** data objects between frontend and controllers.
* Developed **Wrapper** in Python for instantiating **multi-threaded** application.
* Developed frontend of application using **Bootstrap** (Model, View, Controller), **Angular.js** framework.
* Implemented the **Backbone JS** for DOM manipulation as this is the light web framework compared to **Angular JS**.
* Utilized standard Python modules such as **csv**, **itertools** and **pickle** for development.
* Used many regular expressions in order to match the pattern with the existing one.
* Working knowledge of Java Web Services with real time knowledge using **SOAP** and **REST**.
* Performed Unit testing, Integration Testing, GUI and web application testing using **Rspec**.
* Created interactive data charts on Customer portal web application using High charts JavaScript library with data coming from **Apache Cassandra**.
* Fetched **twitter** feeds for certain important keyword using **python-twitter** library.
* Used python library **BeautifulSoup**for **Webscraping** to extract data for building **graphs**
* Worked in **MySQL** database on simple queries and writing Stored Procedures for normalization.
* Updated the client admin tool to have the new features like support for internalization, support for customer service and etc.
* Worked on translation of web pages to different languages as per client requirements.
* Implemented code to perform **CRUD** operations on **MongoDB** using **PyMongo** module.
* Implemented responsive vector maps and charts on webpages using the data from MongoDB.
* For the large data management used **TFS** and delivered reliable end product.
* Learned to index and search/query large number of documents inside **Elastic search**.
* Updated the client admin tool to have the new features like support for internalization, support for customer service and etc.
* Worked on changes to open stack and **AWS** to accommodate large-scale data center deployment.
* Manage, collaborate and coordinate the work of an offshore development team.
* Facilitated **Sprint Planning**, **Daily Scrums** and **Retrospectives** if the **Scrum Master** is not able to do so for any reason.
* Exposure to **SCRUM** Agile Methodologies and also ported existing applications to Python.

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| 2.PROJECT DESCRIPTION |  |
| INDUSTRY | Bio technology |
| CLIENT | Beckman Coulter, Inc. |
| PROJECT SPECIFIC SKILLS | Python 2.7,2.5, Django 1.7,1.5, JavaScript, HTML5, XHTML, Angular JS, JQuery, JSON, AJAX, XML, CSS3, SQL, MySQL, Bootstrap, Restful Web Services, matplotlib library, Beautiful Soup, Jenkins, Git, GitHub, Linux, Eclipse, Cassandra |
| DURATION | Apr 2014to Aug 2015 |
| LOCATION | Brea, California |
| ROLE | Sr. Python Developer |

**RESPONSIBILITES:**

* Responsible for gathering requirements, system analysis, design, development, testing and deployment by participating in complete **SDLC** process**.**
* •Involved in the development of front end of the application using **HTML5**, **CSS3**, **AJAX**, **JSON** and **JQuery**.
* Responsible for user validations on client side as well as server side.
* Have good exposure in **LAMP (Linux, Apache, MySQL, and Python)** Architecture
* Hands-on experience in **Python Scripting, Python STL, Django, and Web Development**.
* Implemented and enhanced **CRUD** operations for the applications using the **MVC architecture** of Django framework and also conducted code reviews.
* Implemented **AJAX** to update necessary section of webpages and hence, avoiding the need for reloading the entire web page.
* Work with team of developers on python applications for RISK management.
* Used **Amazon Cloud EC2** along with **Amazon SQS** to upload and retrieve project history.
* Creating invitation flow for customers to use the client portal for monitoring applications.
* Created the environment specific settings for a new deployment and update the deployment specific conditional checks in code base to use specific checks.
* For the large data management used **TFS** and delivered reliable end product.
* Developed applications especially in **LINUX** environment and familiar with all of its commands
* Used advanced packages like **Mock**, **patch** and **beautiful soup (b4)** to perform unit testing.
* Involved in development of Web Services using **SOAP** for sending and getting data from the external interface in the **XML** format.
* Designed and configured database and back end applications and programs.
* Created **Git repository** and added to **GitHub project.**
* Worked on **Jenkins continuous integration tool** for deployment of project.
* Deployed the project into **Jenkins** using **GIT version control system.**
* Having experienced in **Agile** Methodologies, **Scrum** stories and sprints experience in a Python based environment, along with **Data Analytics**, **Data Wrangling** and **Excel data extracts**.
* Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.

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| 3.PROJECT DESCRIPTION |  |
| INDUSTRY | Health |
| CLIENT | HealthSouth |
| PROJECT SPECIFIC SKILLS | Python, Django, Java Script, Selenium, HTML, XHTML, Angular JS, JQuery, JSON, AJAX, XML, CSS, IBM DB2, SQL, MySQL, Bootstrap, Restful Web Services, matplotlib library, Beautiful Soup, Jenkins, Git, GitHub, Linux, Eclipse. |
| DURATION | Jan 2013to Mar 2014 |
| LOCATION | Birmingham, AL |
| ROLE | Python Developer |

**RESPONSIBILITIES:**

* Participated in all stages of Software Development Life Cycle like Planning, Analysis, Design, Implementation and Testing.
* Designed and Developed User Interface of the website using front-end technologies like **HTML**, **CSS**, **JavaScript**, **JQuery**, **AngularJS**, **Bootstrap** and **JSON**.
* Developed entire frontend and backend modules using Python on Django Web Framework by using **MVC** architecture.
* Implemented Business logic, worked on data exchange, processed **XML** and HTML using **Python 2.7** and its familiar framework **Django**.
* Created **Django dashboard** with custom look and feel for end user after a careful study of Django admin site and dashboard.
* Performed testing using Django's Test Module.
* Used **IBM DB2 SQL** stored procedures and **UNIX** Shell Scripts for importing/exporting Data and Conversions.
* Used **MySQL** as backend database and **MySQLdb** of python as database connector to interact with MySQL server.
* For the manipulation of data from the database various queries using **SQL** were written and created a database using **MySQL**.
* Implemented **RESTful Web Services** for the data transportation between multiple systems.
* Skilled in using **Collections** in Python for manipulating and looping through different user defined objects.
* Used web scraping python tools like **Beautiful Soup** to extract data.
* Developed and tested many features for **dashboard**, created using **Bootstrap**, **CSS**, and **JavaScript**.
* Experienced in **Linux Shell Commands**and **Command Line Utilities**.
* Worked on **Selenium testing framework**.
* Performed different testing methods like **Unit Testing, Integration Testing, Web Application Testing** and **Selenium Testing**.
* Deployed the project into **Heroku** using **GIT** version control system.

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| 4.PROJECT DESCRIPTION |  |
| INDUSTRY | Insurance |
| CLIENT | GuideOne Insurance |
| PROJECT SPECIFIC SKILLS | Python, Django, HTML, CSS, XML, AJAX, MySQL, JavaScript, JQuery, CSS Bootstrap, GitHub, Linux, PyCharm, Jasper Reports, JIRA, Eclipse, Linux, Shell Scripting, MongoDB. |
| DURATION | Oct 2011 to Dec 2012 |
| LOCATION | Des Moines, IA |
| ROLE | Python Developer |

**RESPONSIBILITES:**

* Involved in Software development life cycle(**SDLC**) of requirements gathering, analysis and detailed design.
* Developed views and templates with **Python and Django’s framework** using view controller and templating language to create a user-friendly website.
* Developed front end page using **HTML**, **CSS**, **JavaScript** and **JQuery**.
* Implemented **MVC architecture** in developing the web application with the help of Django framework.
* Involved in code reviews using GitHub pull requests, reducing bugs, improving code quality, and increasing knowledge sharing.
* Used Django Database **API's** to access database objects.
* Generated property list for every application dynamically using Python modules like **math**, **glob**, **random**, **itertools**, and **functools**.
* Developed a fully automated continuous integration system using **Git**, **Jenkins**, **MySQL** and custom tools developed in Python and **Bash.**
* Used **Pandas** library for statistics Analysis.
* Used **Numpy** for Numerical analysis for Insurance premium.
* Used Python to place data into **JSON** files for testing Django Websites.
* Involved in development of **Web Services** using **SOAP** for sending and getting data from the external interface in the XML format.
* Involved in debugging the applications monitored on **JIRA** using **Agile** methodology.
* Developed dynamic web pages to view the reports generated using Django Framework and also worked in **NoSQL** database **MongoDB**.
* Used many regular expressions in order to match the pattern with the existing one.
* Experienced in **Agile Methodologies** and **SCRUM** Process.

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| 5.PROJECT DESCRIPTION |  |
| INDUSTRY | Banking |
| CLIENT | Standard Chartered Bank |
| PROJECT SPECIFIC SKILLS | Python, Java, Spring, Hibernate, Struts, JQuery, AJAX, HTML, CSS, JavaScript, AJAX,PL/SQL, Junit. |
| DURATION | June 2010 to Sep 2011 |
| LOCATION | India |
| ROLE | Python/Java Developer |

**RESPONSIBILITES:**

* Involved in **SCRUM** process of **AGILE** methodology in Requirement gathering, Design, Analysis and Code development through iterations.
* Designed the user interface of the application using **HTML**, **CSS3**, **XML,JavaScript** and **AJAX**.
* User interface is decoupled using Spring **MVCarchitecture with Struts** implemented already as the frontend.
* Used standard Python modules e.g. csv, robot parser, itertools, pickle, jinja2, xml for development
* Developed views and templates with **Python and Django's** view controller and templating language to create a user-friendly website interface.
* Developed Server side validation checks using **Struts Validators** and Java **Script validations**.
* Used UML to design various data models including data flow diagrams, work flow diagrams and interaction diagrams.
* Designed Class Diagrams, Sequence Diagrams depicting flow of the application using Rational Rose.
* Involved in implementing the **DAO** pattern for database connectivity and used the **JDBC API** extensively.
* Created Connection Pools in WebSphere and configured as needed.
* Created data base tables, functions, stored procedures and wrote prepared statements using **PL/SQL**.
* Worked on IDEs like **Eclipse**, **Rational Application Developer, Rational Software Architect** and Version control tools like **Perforce P4V, CVS, SVN, Visual SourceSafe** and **Team foundation server**.
* Wrote test cases for unit testing **JUnit**.
* Self-motivated team player with good Analytical, Logical and Problem Solving ability.
* Participated in Daily stand-up meetings with project manager, Team Lead, co-developers, communicated with testers and resolved trackers.

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| 6.PROJECT DESCRIPTION |  |
| INDUSTRY | Health |
| CLIENT | Intergraph |
| PROJECT SPECIFIC SKILLS | Java, Struts Framework, HTML, Java script, JSP, Servlets, Struts, Spring, Hibernate, Web services. |
| DURATION | Aug 2009 to May 2010 |
| LOCATION | India |
| ROLE | JAVA/J2EE DEVELOPER |

**RESPONSIBILITES:**

* Involved in Design, Development, and Support phases of Software Development Life Cycle (**SDLC**).
* Designed and developed front end using **HTML, JSP** and **Servlets**.
* created stored procedures in Oracle.
* Developed web components using **JSP**, **Servlets**, and **JDBC**.
* Developed and implemented the **MVC** Architectural Pattern using Spring Framework including JSP, Servlets and Action classes.
* Performed unit testing, system testing and integration testing.
* To access the Oracle database Used JavaScript for client sidevalidations.
* Involved in fixing bugs in higher environments involving java, html, **JavaScript**.
* Client pages are built using **HTML, JSP, XML** to interact with users, and the business logic is implemented using Servlets and Java Beans.
* Involved in writing **POJOs, hbm and hibernate.cfg files** and configured the same for application development.
* Automated the HTML and **JSP** pages indexing process of search module using **Apache Ant tool** and **singleton design pattern**.
* Used Tomcat as the application server.
* Used Scrum (Agile) as Development methodology.
* Done extensive coding using **Java, J2EE** for enhancements and bug fixes in agiledevelopment environment.

**Education:** Bachelor of Technology, Electronics & Communication Engineering, India, 2009.