**SRAVANI BELLAM**

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**PROFESSIONAL SUMMARY:**

* **Python Developer 5+ Years** of experience in Analysis, Design, Development, Management and Implementation of various stand-alone, client-server enterprise applications.
* Good experience in **Python, Django,Pyramid Framework.**
* Working Knowledge of **Pandas, Numpy.**
* Experience of software development in **Python** (libraries used: libraries- BeautifulSoup, numpy, matplotlib, python-twitter, OpenCV, Pandas dataframe, urllib, **MySQLdb** for database connectivity) and **IDEs - sublime text, Visual Studio Code, pycharm,atom.**
* Having experienced in **Agile** Methodologies, **Scrum** stories and sprints experience in a **Python** based environment, along with data analytics and Excel data extracts.
* Experienced in **MVW frameworks** like **Django, Java Script, JQuery and Node.js.**
* Proficient in Front end development experience using **HTML, XML, CSS, JQuery, JSON** and **Javascript, CSS, Bootstrap.**
* Expert knowledge of and experience in **Object oriented Design** and Programming concepts.
* Experience object oriented programming **(OOP)** concepts using **Python, C++** and **PHP.**
* Proficient in SQL databases **MySQL, PostgreSql and MongoDB,Sqlite .**
* Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database.
* Excellent experience with **Python** development under **Linux OS** **(Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora).**
* Good knowledge of server Apache Tomcat, Web logic. Well versed in writing unit test cases.
* Hands on **Git, JIRA.**
* A Self starter with a positive attitude, willingness to learn new concepts and acceptance of challenges.

**TECHNICAL STACK:**

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| **Languages** | Python, Shell Script |
| **Databases** | MongoDB, MySQL , SQL Server , PostgreSQL |
| **Web Technologies** | XML,DHTML,Node.js, Django, HTML/HTML, CSS, JavaScript/JQuery, PHP |
| **Development Tools** | Microsoft SQL Studio, Eclipse,MySQLWorkbench, sublime text |
| **Methodologies** | Agile/Scrum, Waterfall |
| **Other Skills** | Internet OF things, Subversion, GIT, Jira |
| **Operating Systems** | Windows variants, Linux, Mac OS |

**PROFESSIONAL EXPERIENCE:**

**Client: CareSource, Dayton, OH | Apr 2019 – Till Date**

**Role: Python Developer | Job Responsibilities:**

* Designed front end and backend of the application utilizing Python on Django Web Framework.
* Developed consumer-based features and applications using Python and Django in test driven Development.
* Worked on front end frame works like CSS Bootstrap for development of Web applications.
* Develop consumer-based features and applications using Python, Django, pyramid, Flask, HTML and other web technologies.
* With using of Python OS module on UNIX environment, made job cloning and forking.
* Wrote Python modules to extract/load asset data from the MySQL source database.
* Designed and implemented a dedicated MySQL database server to drive the web apps and report on daily progress.
* Integrated Redis-Cache with the Django-rest-framework for reading the data faster.
* Implemented RESTful Web-Services for sending and receiving the data between multiple systems.
* Extensively worked on Jenkins by installing, configuring and maintaining for Continuous integration (CI) and for End to End automation for all build and deployments.
* Implemented Bash, Perl, Python scripting to automate many day-to-day tasks.
* Developed the notification service by posting the JSON request in AWS API Gateway, Validating the response in Lambda by getting the data from Dynamo DB and sending the notification through AWS SNS.
* Wrote with object-oriented Python, Flask, SQL, Beautiful Soup, httplib, Jinja, HTML/CSS, Bootstrap, jQuery, Linux, Sublime Text, GIT.
* Implemented REST API's in Python using micro-framework like Flask with SQL Alchemy in the backend for management of data center resources on which OpenStack would be deployed.
* Involved in development of Web Services using and REST for sending and getting data from the external interface in XML and JSON format.
* Involved in various phases of the project like Analysis, Design, Development, and Testing.
* Developed and Tested features of dashboard using CSS, JavaScript, Django, and Bootstrap.
* Wrote Stored Procedures in SQL and Scripts in Python for data loading.
* Created deployment groups in one environment for the Workflows, Work lets, Sessions, Mappings, Source Definitions, Target definitions and imported them to other environments.
* Tested and debugged the product in controlled and real situations.
* Deploy third party's applications using various CI tools like Jenkin.

**Tool stack:** Python, Django, HTML, CSS, AWS, API Gateway, REST API, Amazon S3, Cloud Watch, eclipse, MS-SQL Server, GIT, Jira, Jenkins, Confluence.

**Client: SunTrust Bank, Atlanta, GA | Jan 2018 – Mar 2019**

**Role: Python Developer | Job Responsibilities:**

* Analyzed and Designed application and created UI using JavaScript and HTML/CSS. Implemented business logic using Python/Django.
* Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.
* Worked with millions of database records on a daily basis, finding common errors and bad data patterns and fixing them.
* Exported/Imported data between different data sources using SQL Server Management Studio.
* Maintained program libraries, users' manuals and technical documentation.
* Managed large datasets using Panda data frames and MySQL.
* Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package.
* Thorough knowledge in various front end tools like HTML, DHTML, CSS, JavaScript, XML, JQuery.
* Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits.
* Built various graphs for business decision-making using Python matPlotLib library.
* Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Implementation, Testing and support. Created project designs utilizing MVC architecture components.
* Used Pandas library for statistics Analysis and added support for open stock.
* 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
* Experienced in Agile Methodologies and SCRUM Process and added unit tests and improved existing ones.
* Worked in development of applications especially in UNIX environment and familiar with all of its commands.
* Refactored existing project to make it more Restful and thread-safe.
* Designed Restful XML web service for handling AJAX requests.

**Tool stack:** Python, Django, HTML, CSS, SVN, UNIX, JavaScript, Eclipse, Linux, Shell Scripting, RESTful, Windows.

**Client: Anthem, Indianapolis, IN | Jan 2017 – Jan 2018**

**Role: Python Developer | Job Responsibilities:**

* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Participated in the complete SDLC process and developed user interface using CSS, HTML, JavaScript and JQuery.
* Wrote Python modules to extract/load asset data from the MySQL source database.
* Designed and implemented a dedicated MYSQL database server to drive the webapps and report on daily progress.
* Developed views and templates with Python and Django’sview controller and templating language to create a user-friendly website interface.
* Used Django framework for application development.
* Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs.
* Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page.
* Created entire application using Python, Django, MySQL and Linux. Programming in Python as well as Perl.
* Created most important Business Rules which are useful for the scope of project and needs of customers.
* Improved performance by using more modularized approach and using more in built methods.
* Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Wrote unit test cases for testing tools.
* Performed data manipulation/storage for incoming test data using lxml /etree libraries.
* Developed API modularizing existing python module with the help of pyyaml libraries.
* Created database using MySQL, wrote several queries to extract/store data.
* 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.

**Tool stack:** Python, Django, JavaScript, Jenkins, MySQL, HTML, CSS, JQuery, Apache, Linux, Git, Perl,Linux, Windows.

**Client: Prokarma Softech, INDIA | Aug 2014 – Apr 2016**

**Role: Software Associate | Job Responsibilities:**

* Design, develop, test, deploy and maintain the website.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.
* Developed entire front end and backend modules using Python on Django Web Framework.
* Designed and developed data management system using MySQL.
* Rewrite existing Java, C++ application in Python
* Wrote python scripts to parse XML documents and load the data in database.
* Generated property list for every application dynamically using python.
* Created unit test/regression test framework for working/new code.
* Made Django web based apps for Insurance premium calculations.
* Designed the architecture of the hardware environments and methodology of the code.
* Used Pandas library for statistical Analysis.
* Used Subversion version control tool to coordinate team-development.
* Responsible for debugging and troubleshooting the web application.
* Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Developed application logic using Python, Java script.
* Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
* Created Data layer in MYSQL and PostgreSQL Database.
* Extracted and loaded data using Python scripts and PL/SQL packages
* Debugging and testing of the applications

**Tool stack:** Python, Django, HTML, XHTML, CSS, AJAX, JavaScript, MySQL, Unix Shell Scripting, Red Hat Linux, WebLogic Application Server, Windows.