**Avinash**

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**Summary of Qualifications**

* Around 5+ Years of experience in Analysis, Design, Development, Testing, Customization, Bug fixes, Enhancement, Support and Implementation of various stand-alone, client-server enterprise applications
* Extensive experience in **Python Programming**.
* Skillful experience in **Python** by developing software’s using new tools, libraries used: libraries- **Pandas** **numpy, Scipy, PySide, matplotlib, Pickle,** data-frame, urllib2, **MySQL dB** for database connectivity to improvise software development process and **IDE**s – **sublime text**, **pycharm**, **emacs**.
* Familiar with data architecture including data ingestion pipeline design, **Hadoop** information architecture, data modeling and data mining, machine learning and advanced data processing. Experience optimizing **ETL** workflows.
* Hands on experience in **AWS, Git, JIRA.**
* Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on **MySQL** and **PostgreSQL** database.
* Familiar with **JSON** based **REST** Web services.
* 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.
* Exceptional problem solving and sound decision making capabilities, recognized by associates for quality of data, alternative solutions, and confident, accurate, decision making.
* Have good exposure in **LAMP** (Linux, Apache, MySQL, and Python) Architecture.
* Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.
* Excellent written and oral communication skills with results-oriented attitude.
* Experience in working with different operating systems **WINDOWS, LINUX, and iOS.**

**Education**

* California University of Management and Sciences (Jan2016- March 2017), California, USA

**Master of Science** in Computer Information System.

* Nalanda Group of Institutions, AP, India, **Bachelors of Science** in Electronics and communication

**Skills**

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| --- | --- |
| Languages | **PHYHON**, **SQL ,JAVA** , C(basics) |
| Framework | HTML, DJANGO,AWS |
| Software development skills | Agile methodologies, Water fall Methods, Iterative process, Project management, Operations and managements… |
| Knowledge on Concepts | HTTP,HTTPs, AJAX,REST API’S, API’s, JSON |
| Python Extensions | ML,SCI-KIT,NUMPY, PANDAS,ANSIBLE,VAGRANT,WEB SCRAPING,Matlab |
| Platforms | Windows/Vista/XP, UNIX, Linux |
| Hadoop | MapReduce, ETL, Hive, Spark(Basics) |

**Work Experience**

**Client—PayPal, San Jose, California APR 2016-Feb 2017**

**Python Developer**

**Description:** The assignment involves in the data collection from Clients and storing them and available for user friendly. Project was to support the organization for budget forecast and reporting using Python and its libraries.

**Responsibilities:**

* Extensively worked in backend development using Python.
* Used several python libraries like **Scipy,** **Pandas, Numpy and matPlotLib**.
* Retrieved data using **ELASTICSEARCH** and used all other modules of Elastic’s
* Developed API modularizing existing python module with the help of **pyYAML** libraries.
* Responsible for user validations **on client side as well as server side.**
* **Automated** the existing scripts for performance calculations.
* Worked with **JSON based REST Web services and AWS.**
* Used ML extensively for analyzing and forecasting.
* Built development environment with **JIRA, Stash/Git.**
* Followed **AGILE** development methodology to develop the application.
* Placed data into **JSON** files using Python
* Participated in the complete **SDLC** process.
* Involved in **Python OOP code** for quality, logging, monitoring, and debugging code optimization.
* Used Django Database API's to access database objects.
* Unit testing of the fixes and enhancements

**Environment:** Python, SCI-Kit learn, XML, JSON, Eclipse, Shell Scripting, HTTP web services, Windows, Linux, Jira, Agile methodologies, GIT, Elastic search, REST API’S

**Client—WeSecureapp, Hyderabad, India Jan2014-Nov2015**

**Python Developer**

**Description:** This project is mainly involved in developing the web application using Python version and Django framework in frontend application. Connected the application to AWS using amazon beanstalk using Django framework to run the application on server**.**

**Responsibilities:**

* Design, develop, test, deploy and maintain the website.
* Designed and developed data management system using **MySQL**
* Rewrite existing **Python/Django** modules to deliver certain format of data.
* Wrote multiple scripts in Python to monitor virtual machine usage data using VMWare API calls.
* Handled all the **client side validation** using JavaScript
* Writing reusable, testable and efficient code.
* Integration of user-facing elements developed by front-end developers with server side logic.
* Involved in entire lifecycle of the project including **Design, Development, and Deployment, Testing and Implementation and support.**
* Responsible for debugging the project monitored on **JIRA (Agile)**
* Built development environment with **JIRA, Stash/Git**.
* Developed entire frontend and backend modules using Python on **Django Web Framework**.
* Developed in Windows and going to deploy it in Linux server.
* Used the Python language to develop web-based data retrieval systems.
* Submitted analyzed data for further use in the project.

**Environment:** Python, Django, XML, JSON, Eclipse, Shell Scripting, HTTP web services, Windows, Linux, Jira, Agile methodologies, GIT, Elastic search, REST API’S

**Mskills United, Hyderabad, India Jan2013-Dec2013**

**Junior Python Developer**

**Description:** Mskills United is a recruiting company and the project is to maintain the website and secure it. Developing the backend custom applications, as well as assist in web services

development to interact with the front-end tool.

**Responsibilities:**

* Developed the back-end web services using Python and Django REST framework.

Used software development methodologies such as **waterfall**

* Work with team of developers on **Python applications** for RISK management.
* Handled all the client side validation using JavaScript.
* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Prepared the **REST** based service calls depending on the data passing to the web service.
* Implemented front end for third party Web service using **JQuery, HTML, JSON**
* Performed Unit testing, Integration Testing,
* Associated with working cloud computing platforms like Openstack and AWS.

**Environment:** Python, JAVA, XML, JSON, Eclipse, Shell Scripting, HTTP web services, Windows, Linux, Jira, Agile methodologies, GIT, HTML, REST API’S

**GGK Technologies, Hyderabad, India Feb 2012-Dec 2012**

**Software Developer**

**Description:** GGk Technologies is a constant firm that has over 200 clients. The main goal of the project was to support the organization for budget forecast and reporting using Python. Provided technical expertise and created software design proposals for upcoming components.

**Responsibilities:**

* Design, develop, test, deploy and maintain the website.
* Designed and developed data management system
* Rewrite existing **Python** modules to deliver certain format of data.
* Involved in **Python OOP code** for quality, logging, monitoring, and debugging code optimization
* Placed data into **JSON** files using Python
* Participated in the complete **SDLC** process
* Followed **AGILE** development methodology to develop the application

**Environment:** Python, Pandas, NumPy, JavaScript, JSON, HTTP web services, Windows, Linux, , JSON, Eclipse, Shell Scripting, Agile methodologies, GIT, Elastic search, REST API’S

**Core assets-**

* Problem solver, fast learner, self-motivated, team player, committed towards work.