**VISHWAS RANA SALVAJI**

**Mobile No: +91 8500475810 Email:** **vishwasrana.salvaji@gmail.com**

* Software Engineer with total 6 years a experience of developing software, building tools and testing applications
* 4+ years of experience as a core python developer

**Qualifications Summary**

* Hands on experience on Python, C++, SQL, VBA
* Strong unit test and debugging skills
* Able to integrate multiple data sources and databases into one system
* Understanding of fundamental design principles behind a scalable application
* Basic understanding of front-end technologies, HTML5
* Have good knowledge on Python web frame
* understanding of code versioning tool **Git**
* Good at write reusable, testable, and efficient code

**Professional Experience**

* **Kennametal Pvt Ltd - Jan 2019 – Present**
* **Cyient** (Client pratt and whittney), **Nov 2015 – Jan 2019**
* **Capgemini Pvt Ltd**, from **Aug 2012 – July 2013**

**Educational Qualifications**

**M.Tech** -

Mechanical & Aerospace Engineering (Thermo Fluids) - **IIT** Hyderabad – 2015

CGPA: 9.32/10

**M.TECH THESIS -**

**Development of Multiphase 3D Unstructured Finite Volume Algorithm including Turbulence Model. (July 14 – July 15)**

* Responsible for creating a finite volume Multiphase solver for computation of Fluid Dynamics problems and tackle problem with less computational cost.
* Responsible for coding Multiphase Solver.
* Solver development is done using C++.

**B.Tech** -

Mechanical Engineering - **Osmania University** - 2012

Percentage: 77.32/100

**SUBJECTS IN MASTERS**

Advanced Mathematics, Computational Fluid Dynamics, Statistics in Turbulence, Advanced Thermodynamics

**DATA SCIENCE SKILLS**

* Machine Learning – Regression, classification, clustering models**.**

**Certifications**

* Programming, data science and Machine learning algorithms using Python (Udemy online course)

**Technical Proficiency**

Programming languages: Python, C++, SQL, VBA

Skills : MySQL, Django, Rest API, Jetkins, **Pandas**, Github

MS Office : Word, Excel & PowerPoint.

**Projects**

* **Engine Data management tool**

Organization: Kennametal Pvt Ltd, Banglore

Tools: Python (pycharm,Pandas, Numpy, MySQL)

Team size: 3

* Developed the tool to import the data from different format text files i.e csv , text files as received by the customer.
* This tool is developed using python.
* The Tool in the front end has GUI developed using Tkinter and in the backend supported by Python
* Filter and sort the data for further processing and log the information
* Combine the multiple csv files data using pandas join
* Do the calculations and generate equations for chosen parameters using numpy and pandas module
* Feature Engineering
* Store and retrieve the Data using MYSQL database
* Calculate the different parameters and plot the data using matplotlib
* Generate powerpoint package and excel sheets with all the reported data using pptx and xlrd modules
* Provide powerpoint presentations with plots as output
* **Django Web application**

Organization: Cyient Ltd, Banglore

Customer: Pratt & Whitney America

Tools: Python (Pycharm,PostgreSQL)

Team size: 2

* Developed the web application to Realtor House properties
* Detailed about House prices,images,Realtor information
* html, CSS , Bootsramp, Js used as front end
* Registration using Django Forms to users
* Provide Admin area to manage resources including property listings,realtors and contact enquiries
* using PostgreSQL to store the data
* Session management for better user experience
* User authentication and authorization
* Django ORM
* Deployment of the application using AWS
* **Data Analysis**

Organization: Cyient Ltd, Banglore

Customer: Boeing America

Tools: Python (Jupyter notebook,Pandas, Numpy, MySQL)

Team size: 1

* Developed the tool to import the data from different format text files i.e csv , text files as received by the customer. This tool is developed using python
* Store the data into pandas dataframe, Filter and sort the data
* Calculate the different parameters and plot the data using matplotlib
* Generate powerpoint package and excel sheets with all the reported data using pptx and xlrd modules
* Provide powerpoint presentations with plots as output
* **Desktop database Application**

Organization: Cyient Ltd, Banglore

Customer: Pratt & Whitney America

Tools: Python

Team size: 1

* Developed in house application to get the files information using search keyword
* Built an application using Tkinter(Graphical user interface)
* SQLite3 library has been used to interact with SQLite database
* Insert and modify the database
* **Process automation using EXCEL VBA**

Organization: Cyient Ltd, Hyderabad

Customer: Pratt & Whitney America

Tools: Excel, PowerPoint

Team size: 1

* Import the data from text files slides to excel sheets and remove outliners.
* Automation using Excel VBA macros

**PERSONAL INFORMATION**

 Date of Birth : 03 – May -1991