**Sukruti Sunil Admuthe**

Python Machine Learning and Data Science

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Objectives:

To be part of an organization where professional growth is in consonance with that of an organization and to provide value addition to the goals set by the organization.

Profile Summary :

* Good hands on knowledge in Data Sciences – Machine Learning and Statistics
* Proficient in working on various data sets and related models using programming language Python
* Hands on experience of working on couple of live projects involving real life data sets such as  Solar Energy Prediction , Market Value analysis, Diabetes prediction ,HR related area (Employee attrition) etc
* Adept in handling large data sets of various types for data processing, analysis, interpretation and eventually prediction using various machine learning techniques
* 4 Years of IT experience in ETL Tools which includes ODI (Oracle data Integrator) , Informatica , Teradata and have 1 year hands on experience in Data Science, R and Machine learning
* Currently working in Vodafone Shared Services as System Engineer from 12th April 2018
* Previously worked as ETL developer in Tata Consultancy Services Pune from 15th September 2014 to 11th April 2018.
* Having 3 years of Experience in Data warehousing Technology on ETL Tool Informatica Power Center.    
  Experience and knowledge in the Data Warehousing using Data Extraction, Data Transformation and Data Loading(ETL).
* Good knowledge in Slowly Changing Dimensions (SCD TYPE -1,2,3), knowledge of different Schemas (Star and Snow Flake).
* Experience in various phases of SDLC like Requirement Analysis, Design, Development, Testing.
* Willingness and ability to quickly adapt to new environments and learn new technologies.
* Excellent communication, interpersonal, leadership, documentation, troubleshooting skills and flexible and ability to work in a team environment .

Work Experience:

**Technologies :** Machine Learning with Python.

* + Hands-on experience in Python Libraries such as Pandas, NumPy,Matplot, sklearn,etc.

**Data Sets:**

1. Housing Data Set : With 79 explanatory variables describing (almost) every aspect of residential homes in Ames, Iowa, this dataset was to predict the final price of each home.Advanced regression techniques like random forest and gradient boosting was used.
2. Diabetes Data Set : The datasets consist of several medical predictor (independent) variables and one target (dependent) variable, Outcome. The objective of the dataset is to diagnostically predict whether or not a patient has diabetes.Logistic Regression as well as KNN algorithms were used for the prediction.
3. Employee HR Data : The analyses concentrate on trying to identify exactly which individuals might leave based on patterns that might be present in existing data.
4. Worked on K-Means Clustering Implementation in Python using data from Iris Species.

**Technologies :** Informatica Power Center Client , Teradata

**Role :** Working as ETL Developer

* + Technology – Informatica , Teradata and Unix (Cleared TE0-141 Teradata14 Certification exam)
  + Informatica Powercenter tools (designer,workflow manager, workflow monitor)
  + Experience in File processing & validation using Informatica transformations such as source qualifier, aggregator, expression transformation , joiner , look-up , filter, router etc.)
  + Experience in Powercenter tasks, sessions, email tasks etc
  + Worked on Flat files, xls, csv , database as powercenter source and targets.
  + Good database knowledge SQL, ORACLE , Teradata
  + **Autosys** job development, execution and monitoring
  + Knowledge about **ALM** for bug tracking
  + Worked on Teradata Utilities like Fastload, FastExport,MLOAD,BTEQ and protection concepts like Fallback, and Transient Journal.
  + Experience in **Unix Shell scripting**
  + Participated in requirement gathering meetings with business analysts and architect to understand source data, data warehouse and data model .
  + Extensively worked on Repository Manager, Mapping Designer, Mapplet Designer, Transformation Developer, Warehouse Designer, Workflow Manager and Workflow Monitor.
  + Proficient in creating transformations and mappings.
  + Worked on mapping re-usability using Mapping Parameters and Mapping Variables.
  + Experience in Debugging and Performance Tuning of targets, sources, mappings and sessions
  + Working on Oracle , SQL, SQL Server, Netezza databases and datawarehouses
  + Good Analytical and communication skills
  + Also involved in Design , development , Validation and Support activities

**Technologies** : Oracle Data Integrator 11g/ 12c , Netezza , SQL Server.

**Role** : Working as ODI Developer with Agile methodology.

* + The application that we develop consist of the data from Youtube , Facebook , Google, etc. which has to be managed and stored in appropriate format in the data warehouse.
  + It is project where the online data from the Germany is managed with Java and ODI language.

The data is loaded into required database with the help of data warehousing .The project is based on Agile methodology.

* + Created ODI Loads to load data from the feeds into data warehouse(Netezza).
  + Worked on knowledge modules –LKM , CKM , IKM etc .
  + Working on Tibco Framework for the eventing and scheduling the job with different time and other ODI Load dependencies.
  + Interact with clients on daily stand up calls , project planning and project reviews
  + Conducted knowledge transfer in the team on technologies being used in the project.

Education :

* **Master of Technology (**Computer Engineering)*Sinhagad College Of Technology ,Lonavala*

- Semister Grade Point Average (SGPA) : 8.16/1 0 June 2014 - Aug 2016

* **Bachelor of Technology (**Information Technology)*Walchand College of Engineering, Sangli*

- Cumulative Grade Point Average (CGPA) : 8.04/10 June 2010 - May 2014

* **H.S.C (**General)*Maharashtra Secondary and Higher Secondary Education Board*

- Percentage: 92.00 July 2009 - May 2010

* **S.S.C (**General)*Maharashtra Secondary and Higher Secondary Education Board*

- Percentage: 89.84 - May 2007 - May 2008

Certification / Achievements:

* **Teradata 14 Certified Professional –**
* *TE0-141 Teradata 14 Basics exam by Teradata Certified Professional Program (TCPP)*
* **On The Spot Award**
* *Awarded as quick Learner by the lead of the project ( Dec 2015 ).*
* **Star Of The LG**
* *Awarded in TCS training at ILP Ahmedabad in ASP.NET with ILP rating* ***5/5*** *( Dec 2014 ).*
* **Best Project for the year**
* *Awarded in B.Tech for Project - Develop an android application “CloudDisk” which is better in performance and security than Dropbox.*
* **Android Workshop**
* *2nd Position in Zonal round of the International Challenge for Android App Development at Walchand College of Engg,Sangli*

Paper Publications :

* ​​**International Journal of Computer Science and Network(IJCSN)**
  + *Volume 5, Issue 4, August 2016*
* **International Research Journal of Engineering and Technology (IRJET)**
  + *Volume 3, Issue 7 July 2016*
* **Pimpri Chinchwad College of Engineering(CPGCON)**
  + *Fifth Post Graduation Conference Of Computer Engineering ,CPGCON March 2016*

Declaration :

I hereby declare that all the information given above is true to the best of my knowledge.

Yours Sincerely,

(SUKRUTI S. ADMUTHE)