**Varun Nagendra Aluri**

**Hyderabad**

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**Career Objective:**

Intend to build a career with IT environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Seeking a good profession to extract my knowledge in corporate field.

**Technical Skills:**

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| Operating System | Windows & Linux Operating Systems |
| AWS | S3, Amazon Glue, Amazon Red Shift |
| Machine Learning | Regression, Classification |
| Languages | Python, C. |
| Python Library | Numpy, Pandas, Sklearn |
| Databases | MySQL ,Oracle |
| Tools | MS Excel, Anaconda |
| Version Control | GitHub |

**Projects:**

**Project 1:**

**Title:** Advanced House Price Prediction

**Problem Statement:** The Project is to used to find the amount for buying the house by based upon the provided independent features in given data.

**Technology Used:** Python, Oracle, Machine Learning, MS Excel.

**Roles and Responsibilities:**

* Data Extraction form Kaggle.
* Used the Jupyter Note book and Google Colab for model building
* Made Exploratory Data Analysis using Pandas and Numpy
* Use Python libraries Sklearn, Scipy.Stats for Model Building.
* Basic data visualization using Python Seaborn and Matplotlib.
* Used different types of Feature Engineering and Feature Selection process.
* Model building using ML techniques like Multiple Linear Regression, Decision Tree Regressor, Random Forest Regression, SVM, XG-Boost.
* Used the various types of metrics for model evaluation.

**Project 2:**

**Problem Statement:** The Project is to perform Data Analysis on COVID data across the Globe and extract the meaningful information from the data provided.

**Technology Used:** PySpark, Spark SQL, AWS (S3, Glue, Red Shift)

**Roles and Responsibilities:**

* Involved in Data Extraction for Data Analysis.
* Stored the data in Amazon S3 Bucket
* Make Data Transformation using PySpark.
* Used Spark SQL in AWS Glue for the Analysis of the data.
* Finally Load the analyzed output back to the Amazon S3 bucket.
* Basic data visualization using Amazon Red Shift

**Project 3:**

**Problem Statement:** The Project is to used to extract information from agriculture data and to give suggestions regarding crops and make future decisions so that agriculture can be carried out in a planned manner.

**Technology Used:** PySpark, Spark SQL, AWS (S3, Glue, Red Shift)

**Roles and Responsibilities:**

* Data Extracted from the various websites.
* Stored the Extracted data in Amazon S3 Bucket
* Data transformation using done by using PySpark libraries.
* Used Spark SQL in AWS Glue for making the Analysis of data
* Finally Load the analyzed output back to the Amazon S3 bucket.
* Basic data visualization using Amazon Red Shift.

**Employment History**

**KPI Partners July 2021 – Present**

**Project Trainee**

* Proficient with Oracle Database, SQL Plus and having idea of using SQL\* Loader.
* Good Knowledge on Data Ware House concepts and ETL Process.
* Proficient in Basic Python, Pandas and Numpy for Data Manipulation.
* Knowledge on AWS Services like S3, AWS Glue, AWS Lambda and AWS Red Shift.
* Having Knowledge on Big Data technologies like HDFS, PySpark, Spark SQL.
* Able to handle CSV, JSON, etc.,

**Educational Qualification**

* BTech in Computer Science and Engineering [2015 - 2019] Chalapathi Institute of Engineering and Technology, Guntur, ANU, Andhra Pradesh **CGPA – 9.12**
* Intermediate in Math’s, Physics and Chemistry [2013 - 2015] Krishna Chaitanya Junior college at Kanigiri, Board of Intermediate Education Andhra Pradesh **Aggregate - 91%**
* 10th Standard [2013] Gomathy Public School, Kanigiri, Board of Secondary education, Andhra Pradesh **GPA - 9.3**

**Personal Information**

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| Full Name | : **Varun Nagendra Aluri** |
| Date of Birth | : ​**Oct 29th, 1996** |
| Languages Known | **: Telugu and English** |
| Location | **: Hyderabad** |