**Varun Aluri**

**Machine learning Engineer, Hyderabad**

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**Career Objective:**

1 Years of IT Experience in Machine Learning Engineer with hands-on experience in Data

Pre-Processing, Exploratory Data Analysis and Machine learning models to solve challenging business problems.

**Skill Summary:**

* Engaged with the customer targeting teams to provide advanced analytical solutions using SQL, Python & Tableau.
* Expert in Machine learning algorithms like Decision Trees, SVM, PCA, Linear Regression, Logistic Regression, KNN, K-Means, Random Forest.
* **Regression**: Linear regression, Multiple Linear regression, Decision Tree Regressor, Random Forest Regressor and Regularized Regression - Lasso, Ridge.
* **Classification:** Logistic Regression, K Nearest Neighbors, Support Vector Machine, Decision Trees, Random Forest.
* **Clustering**: Hierarchical and k-Means.
* **Natural Language Processing:** Stemming, Lemmatization, Bag of Words, TF-IDF.
* **Hyper Parameter Tuning**: Grid SearchCV, Randomized SearchCV.
* **Libraries used**: Pandas and NumPy for Data processing, Seaborn, Matlplotlib for Visualization, Sklearn for model building.
* Built Machine Learning solutions using Python libraries.
* Have got hands-on experience on big structured and Semi-structured data.
* Good in C, Python
* Participated in Kaggle Competitions.

**Technical Skills:**

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| Operating System | Linux & Windows client and Server operating Systems |
| Skills | Machine Learning, Deep Learning, Statistics. |
| Machine Learning | Data mining, Cleaning, Classification, Regression. |
| Languages | Python, C. |
| Python Library | Numpy, Pandas, Sklearn. |
| Visualization Tools | Tableau, MS Excel |
| Databases | MySQL |
| Tools | MS Excel, Anaconda, Google Colab. |
| Version Control | GitHub |

**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 Maths, 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**

**Employment History:**

Working as a Machine Learning Engineer at Spell Bound information solution Pvt Ltd, Hyderabad from Jan 2019 to till date.

**Project:**

**Project:1**

**Problem Statement:** Predict the price of used vehicles (Cars) by based on its features and usage details.

**Technology Used:** Python, Sklearn, Tableau

**Roles and Responsibilities:**

* Involved in Analysis and Requirement gathering for application.
* Data retrieval from existing data source using My Sql.
* Data cleaning and exploratory data analysis using pandas.
* Basic data visualization using Python Seaborn, Matplotlib.
* Used different types of Feature Engineering and Feature Selection process.
* Model building using ML techniques like SVM, KNN, Logistic Regression, Random Forest, and Decision Tree in Python.

**PERSONAL INFORMATION**

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| First Name | : **Varun Aluri** |
| Date of Birth | : ​**Oct 29th, 1996** |
| Joining | **: Immediate** |
| Location | **: Hyderabad** |