**Varun Nagendra Aluri**

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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.

# 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 ChaitanyaJunior 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**

# Professional Summary

* Interacting with product teams to understand objectives, **gather requirements**, identify opportunities to deliver maximum business impact.
* **Building supervised and unsupervised machine learning models** for predictive analytics, clustering using **Python** and **R.**
* Communicating highly technical and complex details through visuals using visualization tool like **Tableau**.
* Extracting the required data from Databases like **SQL**.

# Core Competencies

* Predictive Modelling
* Analytical Reporting

# Statistical Data Analysis

* Hyperparameters Tuning

# Technical Skills

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| --- | --- |
| **Software** | Jupyter, R Studio, Excel |
| **Programming Languages** | Python, R |
| **Visualization** | Tableau |
| **Data Base** | SQL |

**Machine Learning Proficiency**

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| --- | --- |
| **Algorithms** | Linear Regression, Logistic Regression, Decision Trees, Random Forest, Naïve Bayes, Support Vector Machines, K-Nearest Neighbour, Clustering. |
| **Libraries** | pandas, Numpy, Matplotlib, Seaborn, scikit-learn. |

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| --- | --- |
| **Project 1** |  |
| **Client** |  |
| **Algorithms Used** | Principal Component Analysis (**PCA**), **LightGBM**, **XGBoost**, ANN |
| **Duration** |  |

# Key Achievements:

* Reduced huge multicollinearity with Principal component analysis (PCA) to identify best predictors for value estimation.
* Optimized Discount Value Estimator model with decreased cost function with XGBOOST.
* Lowered execution time for the training procedure almost 7 times with Light GBM.

**ACADEMIC ACHIEVEMENTSANDEXTRA-CURRICULAR ACTIVITIES:**

* Member of TECHWINGS-ASSOCIATION in college.
* Academic Topper in college.
* College cricket team player.
* Selected for Full-fee reimbursement in Engineering.
* Attended work shop on Cyber security.

**Strengths**

* Good communication Skills.
* Quick learner- I am ready to learn new technologies.
* Punctuality.
* Positive Attitude.

**Personal Profile**

**Father name :**Aluri Soma sekhar Rao

**Date of birth :** 29 -10-1996

**Languages Known :** English and Telugu

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