**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 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**

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# Technical Skills:

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| **Programming Languages** | C, Python |
| **Area of Interest**  **Visualization Tools** | Machine Learning  Tableau |
| **Data Base**  **IDE**  **Operating Systems** | MySQL  Visual studio, Google colab, Anaconda  Windows 8 & Windows 10 |

**Certification:**

Done **IBM** certification on Machine Learning using Python**.**

**Internship:**

**Statistical analysis** for **Business Decisions** using Python.

**Paper Presentation:**

Will **AutoML** replace the **Data Scientist** Job

**Github:** github.com/varunaluri18

**Kaggle:** kaggle.com/varunaluri18

**Python Proficiency**

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| --- | --- | --- | --- | --- |
| **Core Python** | | | Conditional Statements, Looping Statements, Control Statements, String Manipulations, Lists, Tuples, Dictionaries, Functions, Libraries, Exception Handlings. | |
| **Advanced python** | | | Class, Object, Inheritance, Polymorphism, Encapsulation, Abstraction. | |
| **Project** | Step Count | |
| **Concepts** | Conditional Statements, Looping Statements, Lists, Functions, Class, Object | |
| **Duration** | 3 weeks | |

**Abstract:**

Used to find the distance travelled, Activity Calories Burn in the body, Easy to claim the Coins that make use of make shopping.

**Machine Learning Proficiency**

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

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| **Project 1** | Advance House Price Prediction |
| **Algorithms Used** | K-Nearest Neighbor, Support Vector Machine, Decision Tree, Random Forest, Artificial Neural Network. |
| **Duration** | 3 weeks |

**Abstract:**

Make Easy to Predict the Price of the House in the areas like MSZoing, LotFrontage, MSSub Class by based upon the Different features like Area, Street, Land Contour, Utilities, Land Slope, Neighborhood etc.

|  |  |
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| **Project 2** | Diabetes Prediction |
| **Algorithms Used** | Support Vector Machine, K-Nearest Neighbor, Decision Tree, Random Forest, Artificial Neural Network. |
| **Duration** | 2 weeks |

**Abstract:**

Used to predict the whether the patient is having Diabetes by considering the features like glucose, diastolic\_bp, thickness, insulin, bmi, diab\_pred, age, skin.

**Academic Achievements and Extra-curricular Activities**

* Member of TECHWINGS-ASSOCIATION in college.
* Academic Topper in college.
* College cricket team player.
* Selected for Full-fee reimbursement in Engineering.

**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

**Address :** Ginjupallivaripalem, Prathipadu (MD), Guntur (DT), AP