

AKHIL A KUMAR

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Blog | **GitHub** | **Linkedin**

EDUCATION

College of Engineering Chengannur
B.Tech Electronics and Instrumentation

Kerala
August 2018 - June 2022

Chinmaya Vidyalaya
Computer science Higher secondary

Chengannur
2017 - 2018

Chinmaya Vidyalaya
Degree in Secondary

Chengannur,Alappuzha
2015 - 2016

EXPERIENCE

Pantech.AI | Deep Learning Internship

Chennnai,India | March 2024 - June 2024

Achievements/Tasks:

- Learned Deep learning from scratch and made the concepts clear including CNN,RNN,LSTM etc
- Implemented hand sign language detector using Computer vision

Spark Foundation | ML Internship

April 2024 - May 2024

Achievements/Tasks:

- Machine learning model to predict the marks a student can get according to their behaviour
- Linear Regression model was the used and had a good accuracy of 95%

AI Variant | Data science intern

Bengaluru,India | Jan 2023 - July 2023

Achievements/Tasks:

- Machine learning model to predict the amount of carbon dioxide (CO2) emissions produced by vehicles based on their specification
- Customer Segmentation - Clustering Machine learning model to group customer segments

SKILLS

Programming Languages: Python, Javascript
Libraries/Frameworks: React, Express, Tensorflow, Scikitlearn
Tools / Platforms: Node.JS, VS Code
Databases: MYSQL, MongoDB

PROJECTS / OPEN-SOURCE

NETFLIX Clone App

Javascript,React

Designed and developed a Netflix clone application using React for a dynamic and responsive user interface.

Implemented features such as movie browsing, search functionality

Utilized modern React practices, including hooks and context API, to manage state and improve code maintainability.

Enhanced user experience with seamless navigation and real-time updates.

Blogify App | Link

Javascript,Express,MongoDB

Developed a dynamic web application enabling users to create accounts and post blogs.

Utilized Node.js and Express for robust server-side development.

Implemented MongoDB for efficient database management and seamless data handling.

Ensured a smooth and user-friendly experience through RESTful API design and secure authentication mechanisms

Movie Recommendation system | Link

Python,NLP

created an end to end project built with NLP

Dataset was taken from kaggle. Cleaned and transformed the data

created a streamlit app to display the recommendations

Car price Prediction | Link

Python, Machine Learning, Flask

- Created an End to End project built with Random Forest Algorithm, Dataset for this project was taken from carwale.com. Performed Data Cleaning, Hyper parameter tuning and achieved good accuracy. Created a Flask app to display the selling price of the car

CERTIFICATIONS

- Data science Course - **Excel R Bengaluru**
- Machine Learning with Python - **IBM**
- Data Science Complete Course 2023 - **Udemy**