

AKHIL A KUMAR

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LeetCode | GitHub | LinkedIn | Blog

EDUCATION

Amrita Vishwa vidyapeetham

Artificial Intelligence M.Tech

CGPA: 8.79

Amirtapuri

August 2024 - Present

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

Libraries/Frameworks: Tensorflow, Scikitlearn, Pandas

Tools / Platforms: VS Code, Git, Github

Databases: MYSQL

PROJECTS / OPEN-SOURCE

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

Breast Cancer Prediction | Link

Python,Machine Learning,Streamlit

Developed a machine learning model for breast cancer detection using medical datasets.

Implemented classification algorithms such as logistic regression and random forests to improve accuracy.

Evaluated model effectiveness using metrics like accuracy, precision, and recall.

Collaborated with a team to analyze results and present key insights.

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**