YADHUKRISHNAN M S

AI Engineer

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YADHU SUDHAN

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EDUCATION

B TECH IN COMPUTER SCIENCE (AI)

ADI SHANKARA INSTITUTE OF ENGINEERING & TECHNOLOGY

2021 - 2024, KALADY

CGPA - 8.11

12TH

BRAHMANANDODAYAM HSS

2018 - 2020, KALADY

95.5% (KERALA STATE EDUCATION BOARD)

10TH

DEPAUL EMHSS

2018-MARCH, ANGAMALY

98.89% (KERALA STATE EDUCATION BOARD)

EXPERTISE

MACHINE LEARNING

ARTIFICIAL INTELIGENCE

LEADERSHIP

PROGRAMMING IN PYTHON

PROGRAMMING IN C

LANGUAGE

English

Malayalam

Hindi

About

I am an AI engineering student with a passion for exploring the limitless possibilities of artificial intelligence. I am skilled in machine learning algorithms, and data analysis, with experience in Python. I am a collaborative team player with excellent communication skills and a proven track record of delivering innovative solutions to complex problems. I am excited to leverage my skills and experience to drive AI innovation and create value for organizations.

Experience

JANUARY 2023 - JUNE 2023, KAKKANAD

SUYATI TECHNOLOGIES

INTERN

- WORKED IN AI PART OF ONLINE RESIDENTIAL PROPERTY SALES PORTAL DEVELOPMENT.
- IT WILL PREDICT THE PRICE OF THE HOUSE FROM THE DETAILS PROVIDED BY THE USER.
- CONDUCTED DATA ANALYSIS FOR FEATURE SELECTION
- APPLIED DIFFERET MODELS FOR PREDICTION

MAY 2023

ICT ACADEMY OF KERALA

INTERN

- LEARNT BASICS OF PYTHON , MACHINE LEARNING & NLP
- CREATED A MODEL WHICH WILL PREDICT THE EMOTION FROM THE CONTET OF TWEET

Courses

- GOOGLE DATA ANALYTICS - COURSERA
- MACHINE LEARNING - SKILL UP
- PROGRAMMING WITH PYTHON - SKILL UP
- DATABASE FUNDAMENTALS - SKILL UP

Involvement

CLASS REPRESENTATIVE ADI SANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY

• CS AI DEPARTMENT • February 2023 - 2024

PROJECT LEAD ADI SANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY

• HACK CLUB • January 2021 - January 2022

Projects

Osteoarthritis detection using Deep learning with XAI

- Led the development of an AI-powered osteoarthritis severity prediction system using deep learning techniques.
- Experimented with CNN EfficientNetB5 model
- Integrated eXplainable AI (XAI) capabilities using Grad-CAM to highlight the image regions influencing prediction outcomes.
- Designed and implemented the user interface using Streamlit, focusing on usability and interactivity for seamless frontend experience.

Smart waste classifier

- I utilized Google Teachable Machine to develop a model that classifies waste into biodegradable and non-biodegradable categories.
- Employed computer vision packages to capture live images and execute real-time classification.
- Python was my primary tool for the entire implementation process.

Residential sales portal

- I led the AI aspect of the portal development, ensuring its effective integration and operation.
- Carried out an in-depth Exploratory Data Analysis (EDA) to pinpoint and choose the best features for model training.
- Experimented with several machine learning models, such as Linear Regression, Random Forest Regressor, and Decision Tree Regressor.
- After thorough evaluation of each model's performance, I provided the most efficient model to the backend team for integration.