DINESH KUMAR

VISHAKAPTNAM · dineshkumarpolavarapu5@gmail.com · 7729954018 ·
http://darlinghack.github.io/myprotfolio

Education

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY VISHAKAPATNAM
BTECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING *GPA: 7.47* JUNE 2020 - MAY 2024

SRI KARTHIKEYA JUNIOR COLLAGE PAYAKARAOPETA
INTERMEDIATE MPC *GPA: 8.0* JUNE 2018 - APRIL 2020

SRI RAJA GOV HIGH SCHOOL TUNI
SSC *GPA: 8.7* MAY 2017 - APRIL 2018

Experience

DATA PRO VISHAKAPATNAM
SOFTWARE ENGINEER OCT 2024 - Present

- Designs, develops, and deploys machine learning models for real-world applications.
- Collects, cleans, and preprocesses data from various sources.
- Selects and trains appropriate machine learning algorithms (e.g., using TensorFlow, PyTorch, scikit-learn).
- Optimizes model performance through hyperparameter tuning and feature engineering.
- Monitors model performance and implements retraining strategies.
- Utilizes strong programming skills (primarily Python) and knowledge of relevant libraries.

Skills

PROGRAMMING LANGUAGE:	PYTHON, JAVA, C
WEB TECHNOLOGIES:	HTML, CSS
DATABASES:	MYSQL
FRAME WORKS:	FLASK, DJANGO
ADVANCE TECHNOLOGIES:	MACHINE LEARNING, DEEPLEARNING, NLP
VISUALIZATION:	MATPLOTLIB, SEABORN

Projects

Drowsiness Detection using Inception-v3 and Open-cv *python , deep learning ,opencv*
Created a drowsiness detection system designed to improve safety by alerting individuals exhibiting signs of fatigue. Employed Inception-v3 and OpenCV for robust and efficient performance.

Developed a Speech Recognition and Response Statue. *respberri pi,arduino uno,python*
Designed and implemented a statue integrating speech recognition and response capabilities, enabling interactive communication based on voice input.

Plant Disease Detection And Fertilizer Recommendation Web application *python,django,machine learning , deeplerning*
Built a web application using Django for plant disease detection via image analysis and fertilizer recommendation based on detected diseases and plant type.

ACHIVEMENTS

got 1st Rank in CCC
I got 1st Rank in CCC (Campus to Corporate Connect) program which is based on programming and data structures , Among 250 participants.

Media Spotlight on Speech-Responsive Art Installation
Development of a speech-interactive statue resulted in significant media attention, including features in Newspapers and on TV Channel , raising public awareness of mention the relevant field, e.g., AI, robotics, interactive art.