A Sharath Ram

AIML UNDERGRADUATE

Profile

Highly motivated and ambitious 3rd year B.E student specializing in Artificial Intelligence & Machine Learning. Possessing strong analytical skills, attention to detail, and a passion for technology and innovation. Seeking an internship opportunity to utilize my knowledge and skills in Artificial Intelligence and Machine Learning and gain hands-on experience in the field.

Education

B.E AIML, New Horizon College of Engineering, Bengaluru

2020 – 2024

CGPA: 9.05

Personal Projects

Crime Analysis and Visualizer   FEBRUARY 2022

- An Interactive Web Application Dashboard to visualize and understand the geography of various types of crimes reported
- Used the real dataset of crimes reported in Lucknow to perform Data analysis
- Plotted various crimes reported on an interactive map and enabled filters to gain further insights
- Hosted the web application on StreamLit cloud

Handwritten Text Recognition   JULY 2022

- Designed and implemented a Handwritten Text Recognizer using a modified Convolutional Neural Network (CNN)
- Developed the system using Keras and Python, with the focus on optimizing the performance and accuracy of the CNN model
- A research paper has been accepted on this subject but not published yet

Airline Delay Prediction   DECEMBER 2022

- Created a dynamic and a user-friendly Web Application utilizing Big Data Technologies to gather and display the delay in airlines
- Used the flights dataset that contains all flight information including cancellation and different type of delays
- Implemented two machine learning models, LogisticRegression for classification and LinearRegression for regression
- Predicting and displaying the delay on the web application

Previous Achievements

- Scored 970/1000 in the Exam AZ-900: Microsoft Azure Fundamentals Certification
- Invited to the Microsoft Future Ready Technological Summit presided by Mr. Satya Nadela
- Top 5% in All India NPTEL Machine Learning Exam

Details

9986119596

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Links

LinkedIn

GitHub

Technical Skills

Python

Keras

Core Java

HTML / CSS / JavaScript

React – JS

C / C++

Microsoft Azure