DHARSHAN A.N.

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PERSONAL INFO

Enthusiastic developer eager to contribute to success through hard work, attention to detail and excellent organizational skills. Clear understanding of programming languages and training in coding. Motivated to learn, grow and excel in AI and development fields.

PROFESSIONAL SKILL

Programming Languages	Python, Java, C, C++,C#, Javascript
Machine Learning	Tensorflow, Scikit-Learn, Pytorch
Database	MySQL, Mongo
Frontend	HTML, CSS, AngularJS
Big Data Analytics	Pyspark
Server Side Frameworks	Flask, FastAPI

EDUCATION

Bachelors of Engineering in AI and ML CGPA: 9.57 2020 - 2024
New Horizon College Of Engineering 2020 - 2024

WORK EXPERIENCE

ML Intern Nov 14, 2022 - December 28, 2022
G-KnowMe, Omdisha Healthcare Technologies Pvt Ltd

- Applied machine learning technologies like Optical Character Recognition (OCR) and Natural Language Processing (NLP) to extract useful and relevant data for the project
- Evaluated and analyzed existing and new datasets to generate better insights for model to extract relevant data.

CO-CURRICULAR ACTIVITIES

brAInIAcs club	Core member and web developer
NHCE coding club	Core member
IEEE NHCE	Web Developer with Web and Design Committee

PROJECTS

Traffic Sign Recognition Using ML

- Mobile Application that can classify traffic signs using custom ML model that utilises deep learning using python scikit and tensorflow library to classify traffic signs.
- The deep learning model utilizes Convoluted Neural Networks (CNN) architecture to classify images, based on the training dataset
- The mobile application has been developed using Google's flutter and has a user friendly UI to help users classify their images.

Twitter Trends Sentiment Analyzer

- Website that extracts tweets using the Twitter API and generates the sentiment of tweets based on user's choice of topic/tweet user and number of tweets.
- Custom Machine Learning model built using Pyspark(a big data framework in Python) that classifies the polarity of tweets using Logistic Regression and TF-IDF(Term Frequency - Inverse Document Frequency)
- FastAPI has been used to create the server and the website has been built with HTML, CSS and Javascript

ACHIEVEMENTS

Hackzon 2022 **Winner**
Group based open Innovation hackathon organized by New Horizon College Of Engineering

Code Your Fighter, Phaseshift 2022 **Runner-Up**
Intercollegiate Individual Softbot Coding contest organized by BMS College Of Engineering

CERTIFICATES

Introduction to Machine Learning - IITKGP **2022**