

Ishan Sharma

Student

Looking for opportunities to assist me embellish my passion for Machine Learning, Data Science, and Software Development. Additionally, I'm looking to collaborate with like-minded developers alongside the courses prescribed by the university curriculum. I'm also a trained keyboardist under the Trinity College of London and a guitarist under rockschool.



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SKILLS

Machine Learning

Containerization

Web Development

Linux

Docker

AWS

C/C++

SQL

Jenkins

Docker

Node

Express.js

System Design

Git

CI/CD

IBM Cloud

Deep Learning

Tensorflow

INTERESTS

Chess

Rubiks Cube

Guitar

Music

Keyboard

EDUCATION

School

Hope Hall Foundation School, Sector-7, R.K. Puram

05/2018 - 05/2020

Percentage Class XII : 91

Bachelor of Technology

Vellore Institute of Technology

02/2021 - Present

CGPA 9.1

WORK EXPERIENCE

Intern

Solar Energy Corporation of India (SECI)

09/2023 - Present

New Delhi

SECI Visitor Management System

- Designed and developed a comprehensive Visitor Management System for office environments. Enhanced security, efficiency, and visitor tracking, showcasing proficiency in full-stack web development and database management.
- Leveraged HTML, CSS, Bootstrap, and JavaScript for the intuitive front-end interface, while implementing robust back-end functionality using PHP and MySQL.

CERTIFICATES

Machine Learning Specialization (01/2023 - 03/2023)

IBM Applied AI Specialization (04/2023 - 06/2023)

DeepLearning.AI TensorFlow Developer Specialization (06/2023 - 08/2023)

PERSONAL PROJECTS

Parkinsons Disease Detection

- Prediction if a given patient relating to a medical record has a Parkinsons disease or not using various machine learning classification models.
- Exploratory Data Analysis (EDA) of the given dataset and selection the best features for classification purposes and creation of a user interface using flask and CI/CD pipeline.

Pneumonia Detection

- Built a Pneumonia Detection model using deep learning(CNN) and medical image analysis techniques. Trained the model to analyze X-ray images and accurately predict the presence or absence of pneumonia. Demonstrated expertise in computer vision and healthcare technology, contributing to improved diagnostic capabilities.

TextUtils

- Developed a user-friendly React.js text utility website, offering a suite of tools for text manipulation and formatting. Ensured a seamless user experience and responsive design, resulting in increased user engagement and positive feedback.

Happiness Score Prediction

- Implemented a Happiness Score Prediction model using regression analysis. Utilized data analysis and statistical techniques to predict happiness scores based on various factors. Demonstrated proficiency in data science, statistical modeling, and predictive analytics, contributing to insights into well-being determinants.