

Ishant kumar

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TECHNICAL SKILLS/COURSEWORK

Languages: SQL, Python

Technologies/Framework/library: GitHub, MongoDB, TensorFlow, React, REST API

Coursework: Data Structures and Algorithms , OOPS Concept, Database Management System, Reinforcement Deep Learning, Computer Vision, NLP.

PROJECTS

AI-Based Dermatological Diagnosis Tool

Description: Developed an AI-based tool for the preliminary diagnosis of dermatological manifestations. Utilized image processing techniques to analyze a dataset of 19500 images representing 24 skin conditions.

- Deep Learning- Developed and trained a CNN model for image classification.
- Data Collection and Preprocessing: Gathered and preprocessed a dataset of images.
- Technology used: Python, TensorFlow, Keras for AI Model development.
- Data collection using [Kaggle]

BERT Fine-tuned For Intent Classification

-Engineered an intent classification system by fine-tuning a BERT model for an NLP project. Led data preprocessing and collaborated cross-functionally. Demonstrated proficiency in Python, TensorFlow, PyTorch, and NLP techniques

Disaster Severity Indicator System

-Developed a deep learning model to predict the severity of a disaster based on incoming pictures, effectively distinguishing between severe, mild, and non-disaster scenarios

Tech Stack- TensorFlow Keras, PyTorch, NumPy

EDUCATION

Noida Institute of Engineering and Technology

2023 – Present

-B-Tech (Computer Science Engineering) - CGPA – 7.54

Noida , India

Doon Sr. Secondary School-CBSE – Class XII – 71.8

St. Xavier's High School-CBSE – Class X – 91.2

CERTIFICATIONS

- Introduction to Deep Learning & Neural Network with Keras
- Machine Learning with Python
- Introduction to NoSQL Databases
- Machine Learning Foundations: A Case Study Approach
- Introduction to Computer Vision and Image Processing
- Deep Neural Networks with PyTorch

STRENGTHS

- Good communication skills and presentations skills
- Teamwork, Adaptable, Problem-solving

LANGUAGES

- Hindi, English