Chandan Kumar

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EDUCATION

CHANDIGARH UNIVERSITY
BE in Computer Science (AI ML)
2023 - 2027 | SGPA: 8.68 (3rd Sem)

DAV PUBLIC SCHOOL, HEHAL, RANCHI, JHARKHAND
Higher Secondary Education
Passed 12th in 2022

SKILLS

Languages: Python, C, C++, HTML5, CSS3, JavaScript
Technologies: TensorFlow, SQL, AutoCAD
Expertise: Machine Learning, Data Analysis, Neural Networks

COURSEWORK

Introduction to Machine Learning - Duke University (Coursera)

PROJECTS

STOCK MANAGER | Real-time Stock Management Web App
A web-based platform that allows users to track, manage, and visualize their stock portfolios in real-time. It provides key insights such as portfolio diversification, stock performance trends, and profit/loss tracking. Features include real-time data updates, user-friendly dashboards, and historical analysis tools.

CGPA CALCULATOR (PYTHON) A Python-based CGPA calculator that automates the computation of students' cumulative grade point averages. It allows users to input their grades and credit hours, processes the data, and returns the accurate CGPA using a user-friendly interface.

PNEUMONIA DETECTOR A deep learning-based application that detects pneumonia from chest X-ray images. Using convolutional neural networks (CNNs) trained on medical datasets, the model provides accurate and fast diagnoses. The system is designed to assist healthcare professionals by offering a second opinion in real-time.

NITI SURAKSHA An AI-powered web application designed to detect fraudulent insurance claims. The system analyzes claim patterns using machine learning algorithms, flagging suspicious activities for further investigation. This solution helps insurance companies reduce losses due to fraudulent activities and improve claim verification efficiency.

RESEARCH

PLANT DISEASE DETECTION MODEL Contributed to a research paper that proposed a model analyzing plant images pixel by pixel, comparing them with a database of healthy and diseased plant images. The model determines whether the plant is healthy or infected, aiding farmers in early disease detection and prevention.