



Sumit Singh

Computer Science Graduate

As a Computer Science engineer with a B. Tech degree, I possess a strong foundation in design and problem-solving. My growing interest in machine learning, AI, and DL has guided my career transformation. I am passionate about leveraging my skills to drive innovation and solve real-world problems, and I am committed to contributing to advancements in the industry.

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EDUCATION

B. Tech in Computer Science and Engineering, 8.5 CGPA Lingaya's Vidyapeeth

06/2021 - 06/2024

Faridabad, Haryana

College Project

- Driver Drowsiness Detection using OpenCV and Machine Learning

PERSONAL PROJECTS

Movie Recommender System

- The Movie Recommender System, using the TMDB dataset and deployed with Streamlit, suggests top 5 movies based on user preferences, simplifying the decision of what to watch next.

Plant Disease Prediction System

- The Plant Disease Prediction project uses a CNN model with Kaggle data and Streamlit for deployment. It helps identify plant diseases from images, aiding farmers and gardeners in early detection and management, ultimately improving crop health and yield.

Thyroid Cancer Detection

- The goal of this project was to develop a machine learning model that accurately predicts whether a thyroid cancer survivor is at risk of cancer relapse. The model classifies patients into two categories: at risk or not at risk based on various health metrics and diagnostic features.

Email/SMS Spam Detector

- The Email/SMS Spam Detection project uses NLP to classify messages as spam or not spam. Deployed with Streamlit, it helps users filter unwanted messages and enhances communication efficiency.

Mobile Price Range Prediction

- This project predicts mobile phone price ranges based on features like RAM and battery. After data preprocessing, Logistic Regression was chosen as the best model and deployed via a Streamlit app for real-time predictions.

PAST EXPERIENCE

Design Engineer

Timetooth Technologies Pvt. Ltd

11/2018 - 05/2021

Noida, UP

Responsibility

- Developed technical solutions and managed project resources to tackle complex challenges and enhance system performance across various NPD projects.
- Collaborated with cross-functional teams to solve intricate problems, driving improvements and optimizing outcomes in multiple project phases.

SKILLS

Python

SQL

Streamlit

Numpy

Pandas

Seaborn

Jupyter Notebook

Scikit-Learn

OpenCV

Tensor-flow

AWS

Flask

Excel

Data Wrangling

CERTIFICATIONS

Machine Learning

Internshala Trainings

Python, ML, Pandas

Kaggle

Data Structures and Algorithms

Udemy

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Endurance and Performance Sports

Fitness Enthusiast

Interactive Gaming Experience

Technology Trends