Shreya M

GitHub | Gmail | Website | LeetCode | LinkedIn

Education

Dayananda Sagar College of Engineering — Dec 2022 - Present
B.E in Information Science — *Current SGPA: 9*

Vidyaniketan Pre-University College — 2020 - 2022
12th - PCMC — *Percentage: 93.66*

Vidyaniketan Public School — 2010 - 2020
10th - CBSE — *Percentage: 91.66*

Skills

Languages: C, C++, Python, JavaScript, HTML, CSS, SQL

Frameworks: Bootstrap, Tailwind CSS, ReactJS, NodeJS, ExpressJS, Streamlit

Database: MySQL

Developer Tools: Git, GitHub, VS Code, GoogleCollab

Projects

Plant Disease Prediction Using CNN | *Python, Tensorflow, Streamlit* — Project
- Built a CNN-based deep learning model using TensorFlow and Keras to classify plant diseases from leaf images with an accuracy of 92 percent, employing data augmentation and regularization techniques.
- Developed a user-friendly web interface with TensorFlow/Streamlit, allowing real-time prediction by uploading leaf images.
- Handled end-to-end workflow including image preprocessing, model training, evaluation (confusion matrix, precision, recall), and deployment.

GenArtX | *MERN Stack, OpenAi API* — Project
- Built a React-based client application integrated with a Node.js/Express backend to generate AI-driven images using OpenAI's API and manage user-generated posts with MongoDB.
- Designed and implemented a responsive search bar with real-time filtering capabilities to enhance user experience in exploring AI-generated content.

CryptoTrackr | *ReactJS, TailWindCSS, CoinGencko API* — Live Link
- Designed and implemented a responsive web application using React.js that displays real-time data for the top 100 cryptocurrencies with real-time data from the CoinGecko API.
- Integrated search functionality and dynamic rendering for a seamless user experience, deployed on Netlify.

AI Powered Credit Card Fraud Detection System | *Python, Streamlit* — Project
- Devloped a machine learening model which detects fraudulent credit card transactions using machine learning techniques
- The system leverages a dataset of past transactions to train a model that predicts whether a transaction is fraudulent or not.

Certifications

NPTEL – Machine Learning for Science and Engineering Applications — Certificate — Apr. 2025

Volunteering

Genesis Student Club | *Member* — Dec. 2023 - Dec. 2024
Involved in organizing events such as hackathons, treasure hunt and managing logistics.

National Service Scheme (NSS) | *Volunteer* — Dec. 2022 - Present
Participated in community service projects and social service.