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, React.js, Node.js, Express.js, Next.js, Streamlit

Database: MySQL, MongoDB

Development Tools: Git, GitHub, VS Code, Google Collab

Libraries: Pandas, NumPy, Matplotlib, OpenCV

Projects

IntervAI | *Next.js, FireBase, TailWindCSS, Vapi AI* — Project
- Built IntervAI, a job interview platform powered by AI using Next.js, Firebase, Tailwind CSS, and Vapi AI, complete with real-time voice interviews, Gemini-driven feedback, and a responsive, contemporary UI.
- Implemented user authentication and secure data handling with Firebase, enabling users to sign up, create interviews, and conduct sessions via a customized dashboard.
- Combined Vapi AI voice agents and Google Gemini to conduct mock interviews, provide immediate AI feedback with transcript creation, and enhance user preparation for job interviews.

GenArtX | *React.js, Node.js, Express.js, MongoDB, OpenAI API* — Project
- Developed a full-stack AI image generator web app that allows users to input text prompts and receive AI-generated images using the OpenAI API; built the frontend with React.js and backend with Node.js and Express, and used MongoDB to store user-generated content.
- Implemented real-time search and dynamic filtering features to help users easily browse, discover, and manage their AI-generated image gallery, enhancing functionality and accessibility.

Plant Disease Prediction Using CNN | *Python, Tensorflow, Keras, Streamlit* — Project
- Developed a Convolutional Neural Network (CNN) using TensorFlow and Keras to classify plant leaf diseases with 92% accuracy, applying data augmentation and regularization techniques to reduce overfitting.
- Built an interactive Streamlit web application for real-time disease detection, allowing users to upload images and receive instant predictions through a user-friendly interface.
- Managed the complete machine learning pipeline including data preprocessing, model training, evaluation, and deployment, ensuring a scalable and efficient end-to-end solution.

Certifications

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

Volunteering

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

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