NIKHIL DUSA

dusanikhil3@gmail.com | 6304036054 | linkedin.com/in/nikhil-dusa-71089b1

EDUCATION

Trinity College of Engeneering and Technology,Karimnagar, B. Tech in Artificial Intelligence & Machine Learning (AIML)	June 2023 – July 2026
Govt.Polytechnic college,Narayankhed, ,Diploma in Electrical and Electronics Engineering (EEE)	Aug 2019 – July 2022

PROJECTS

Vibe Voice – Emotion Detection and Mood Enhancer   github.com/Vibevoice

- Technologies Used: Deep Learning, Python, HTML, CSS, JavaScript
- Developed a speech emotion recognition system to classify emotions such as happiness, sadness, anger, and neutrality.
- Implemented a personalized suggestion engine that recommends activities like music, meditation, or motivation based on mood.
- Aimed to enhance user well-being and improve human-computer interaction through emotional intelligence.

virtual-drawingapp - Gesture-Based Virtual Drawing   github.com/virtualdrawing

- Technologies Used: Python, OpenCV, MediaPipe
- Developed a gesture-controlled virtual drawing application that allows users to draw on a digital canvas using hand movements.

EXPERIENCE

Web Development Intern, Skill Intern - AICTE Internship Program

- Gained practical knowledge in Full Stack Web Development using HTML, CSS, JavaScript, and backend.
- Built responsive web pages and simple web applications as part of project-based learning.

Artificial Intelligence Markup Language Intern–CODTECH IT Solutions Pvt. Ltd

- Completed a 4-week AI-focused internship with strong performance and dedication.
- Demonstrated creativity, technical proficiency, and innovative problem-solving.
- Contributed effectively to assigned AI/markup language projects.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java
- **Database:** MySQL
- **Developer Tools::** Visual Studio Code, Google Colab Platform, Jupyter notebook
- **Soft Skills:**Positive Work Ethic, Quick Learning Capability, Team Leading
- **Other Areas:**Computer Networks, OOP, DBMS, OS, Data Analytics, Software Engineering

ACHIEVEMENTS

- Participated as a team member in the Innovation Marathon conducted by Edu Net Foundation; our project qualified for the semi-finals.
- Received an AI-based internship offer letter from Codtech.