

Work Experience

AI Cyber Lab Researcher, Deepcytes

- Working on a Medical Deepfakes Detection Model
- Created a Deepfake Generation Model
- Working on General Purpose Deepfake detection Model
- Plan to Extend its usability in Medical Field

July-Ongoing

Relevant Skill

Programming Languages: Python, C, JS, CSS, HTML, R, MATLAB, SQL, Java, React

Soft Skills: Teamwork, Leadership, Time Management, Design Thinking, Critical Thinking

Tech Polymath: Node JS, Django, Docker, Podman, GitHub, Postman, Tableau, Power BI, SQL, Astro DB

Non-Tech Polymath: Canva, Microsoft Office, Video Editing, Blogging, SEO, Prompt Engineering

Education

Dwarkadas Jeevanlal Sanghvi College of Engineering	B. Tech in AI and DS	9.55(SGPA)/10
Noble International School	Grade 12 (CBSE)	81.40%
Nava Samaj Mandal School	Grade 10 (ICSE)	94.16%

Position of Responsibilities

DJS Phoenix: Marketing and Coding

DJS Trinity: Finance and Marketing

Projects

Open Library: Developed a web application utilizing Google Books API to fetch book titles and descriptions. Utilized React for front-end development, enhancing user experience. In process of integrating an API to download books, demonstrating adeptness in API usage and React, and a commitment to creating functional, user centric applications. Working on Recommendation Engine which recommends books based on tags.

Is Your Flight Late? using Machine Learning: Based on Public dataset, develop a predictive model for flight delays, categorizing delays into 'small' and 'large'. Implemented a user-friendly GUI using Gradio for real-time predictions based on Date, Airport and Airline.

Stress Detection using Machine Learning: Amid rising social media consumption and workloads, need for such project is at its peak, even for remote area residents. It features a user-friendly Conversational AI, multimedia for reaction analysis, local open-source AI for privacy, and Docker for platform compatibility. Camera and interaction data are handled for improved predictions and mental state analysis, providing timely, effective support.

Power BI Dashboard: I have created a dynamic dashboard of IPL Data Analysis with Player Performance Analysis and Team Performance Analysis. This greatly assists Business Analysts in getting better insights.

COURSES

- CS50 AI with Python
- Harvard Linear Models and Matrix Algebra
- Nvidia DLI Fundamental
- IBM Business Analytics