Sudharsan Balajee

Student /Tech Enthusiast

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EDUCATION

VIT CHENNAI	Bachelor's in Technology in CSE with Specialization in AI & ML	CGPA: 8.31	Aug 2023- Current, Chennai
PSBB Nungambakkam	12th Standard(CBSE)	Percentage: 93.6%	May 2023, Chennai
PSBB Nungambakkam	10th Standard(CBSE)	Percentage: 90%	May 2021, Chennai

EXPERIENCE

CYSCOM VITC | WEB DEVELOPMENT Member | MERN, Next.js   Chennai | September 2024 – Current

- Developed a management web application for CYSCOM club members and leads. Implemented Shadcn UI with Next.js and NextAuth for user authentication, with a MongoDB backend. Created separate views for admins and members and streamlined member management.

SKILLS

PROGRAMMING LANGUAGES	Python, C, Java, Javascript
LIBRARIES/FRAMEWORKS DATABASES	Bs4, NumPy, Pandas, OpenCV, Sklearn, Keras, Tensorflow, Oracle,MySQL
SPECIAL MENTION COURSES	Operating Systems,DBMS, Computer Networks, DSA, Artificial Intelligence
SOFT SKILLS	Strong accountability, meticulous attention to detail, skilled negotiation, and a drive for continuous improvement.

PROJECTS / OPEN-SOURCE

FASHION FOR EVERYONE   Python, Numpy,Tensorflow, Keras

- Designed an AI model to generate fashion recommendations based on user prompts using a conditional GAN
- Specially catered towards differently abled people.
- Optimized training with 1500 epochs, reducing time by 20% using Adam optimizer.

PREMIER LEAGUE MATCH PREDICTOR   Python, Bs4, Sklearn

- Achieved 90% accuracy in predicting the outcome of matches from a dataset of 500+ records using Random Forest Classification.
- Automated updating of the custom dataset for weekly matches using bs4 for scraping.

CERTIFICATIONS

- IIT Bombay Spoken Tutorial Test   Python-80%, C-90%, Cpp-72.5%
- Machine Learning A-Z - Udemy   Pursuing