SANJAY SESHADRI

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EDUCATION

2022 - 2026
PESU, RR CAMPUS
- B Tech, Computer Science
- CGPA - 8.2 (Till 6th sem)

2020-2022
DEEKSHA CENTRE FOR LEARNING
- PCMC
- 12th Percentage - 91%

2016-2020
NATIONAL PUBLIC SCHOOL - BSK
- 10th Percentage - 85%

SKILLS AND TECHNLOGY

- Agentic AI
- Machine Learning
- Generative AI
- Python and its libraries
- C/C++
- MERN Stack
- SpringBoot
- Big Data
- Public Speaking

EXPERIENCE

- Undergraduate Intern at **DELL TECHNOLOGIES**

- AIML Intern at PESU ISFCR

- **Machine Learning, Generative AI and Deep Learning courses from Stanford University by Andrew NG (1 year)**

PROJECTS

- **Robust Steganalysis of LSB-Embedded Malicious Content Using Deep CNN (Research Paper Published in IEEE)**
  - Detection of images with data hidden via steganalysis using a custom Deep CNN. (Frameworks - Tensorflow, Keras and python libraries)

- **Fantasy Football Application with real time data**
  - Used SpringBoot and a MVC model
  - Used FPL API for real time data and gave real time scores and points for the selected team

- **Deepfake Detection and mitigating security risks using Neural Networks.**
  - Detecting AI generated images using a pre-trained neural network and data pre processing.
  - (Frameworks - Tensorflow, Python and its libraries, Hosted using flask)

- **Netflix Movie Recommender system using Machine Learning Algorithms.**
  - Model uses an unsupervised algorithm called content based filtering.
  - (Frameworks - Scikit Learn, Python and its libraries)

- **MERN website for a food delivery site.**
  - Food Delivery App using MERN stack which displays menu to choose from. Implemented signup and login. Users can add items to cart.
  - (Frameworks - React front end, Mongo DB Backend)

- **Vision-Arch is a web application that transforms 2D architectural floor plans into interactive 3D spaces.**
  - **Frontend - React, Javascript**
  - **Backend - ThreeJS for 3D rendering**

  Link to the webpage-https://vision-arch-sigma.vercel.app/

ACHIEVEMENTS

- Published a Deep learning research paper in IEEE INCET 2025
- Second Place in Epoch – Hackathon by Aura
- Second Place in Arithmania – Hackathon by Shunya