MOOLYA SRI SURAPANENI

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EDUCATION

Vellore Institute of Technology, AP — Amaravathi, Andhra Pradesh
Bachelors of Science in Computer Science — Aug 2021 – May 2025
Sri Chaitanya Jr College — Gudivada, Andhra Pradesh
Senior Secondary Education — Aug 2019 – Jun 2021
Viswa Bharathi Em High School — Gudivada, Andhra Pradesh
Secondary Education — Aug 2018 – Jun 2019

SKILLS

Languages	Python, Java, R
Tools	MySQL ,Matlab, VSCode, git
Database Management	SQL, MongoDB

INTERNSHIP

AI & ML Internship, InTrain TechSolutions — Jan 2024 – Mar 2024 **Link**

Developed and evaluated deep learning models, including a custom CNN and hybrid models, to classify lung CT-scan images as COVID or Non-COVID. The selected model, ResNet50 with an SVM classifier, demonstrated high accuracy in distinguishing between the two classes.

CERTIFICATIONS

Google Cloud Digital Leader, Google, 2023
MatLab Onramp and Image Processing Onramp, MatLab, 2022
Accenture North America Product Design Virtual Experience Program on Forage – September 2024 **Link**

- Completed a simulation focused on how the Product Design team can transform a user's experience.
- Added new features and iterated on an existing product screen. Communicated the decisions made for the feature design.

Walmart USA Advanced Software Engineering Completion Certificate Program on Forage September – 2024 **Link**

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.

PERSONAL PROJECTS

Sustainable Agriculture Using Artificial Intelligence (Oct 2024)

- Developed an AI-powered fruit disease detection system using EfficientNetB0 architecture achieving 92.20% accuracy, with a web interface for real-time disease identification.

Crime Detection with InceptionV3 Algorithm (Apr 2024)

- Leveraged Python and InceptionV3 algorithm in the domain of Software Engineering to detect and analyze criminal activities effectively.

Music Genre Classification (Mar 2024)

- Utilized Deep Learning techniques in Python to develop a robust classification system for music genres.
- Employed Python and Convolutional Neural Network (CNN) algorithm to classify sports-related data, enhancing accuracy and efficiency.

To Do List (Jan 2024)

- Developed a basic to do list application where users can add ,delete ,edit and sort their tasks

Wireless transmission protocol for cars using ESP Now tools (Aug 2023)

- I pioneered a wireless transmission protocol for cars using ESP NOW, connecting two vehicles with ESP32 and developing a hand gesture interface for intuitive control and synchronization, revolutionizing automotive communication and interaction.

Login Page Clone - Figma ()

- Replicated a login page user interface using Figma, demonstrating design and attention to detail.

EXTRA CURRICULAR ACTIVITIES

Creative Lead in *ACM student chapter club* at VIT-AP University (Sep 2021-Jan 2023)
Member VITOPIA-2024 (Feb 2024-Mar 2024)