A.MOSES BENIYEL

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SUMMARY

Third-year Computer Science student skilled in Java, Python, React, ML, and DL, with strong DSA knowledge. Built projects like Sorting Visualizer, Titanic Survival Prediction, and CNN Image Classifier. LEO Club President with proven leadership and teamwork skills, passionate about solving real-world problems through technology.

PROJECTS

Deep CNN for Multi-Class Image Classification

- Built and trained a CNN on the CIFAR-10 dataset using TensorFlow/Keras, achieving ~72.5% accuracy in 5 epochs.

Titanic Survival Prediction using Machine Learning

- Built an ML model to predict Titanic survival using Kaggle data, with data cleaning, feature engineering, and EDA to identify key survival factors.

Sorting Visualizer

- Developed an interactive visualization tool for sorting algorithms (Bubble, Merge, Quick Sort) with real-time animations and UI controls to illustrate algorithm behavior.

Real-Time Face Mask Detection

- Developed a deep learning model using CNNs to detect face mask usage in real-time video streams with high classification accuracy.

EDUCATION

Bachelor of Engineering (B.E.) – Computer Science and Engineering

- Mookambigai College of Engineering, Anna University
- 2023 – 2027
- CGPA: [8.4]

Higher Secondary Certificate (HSC)

- [St.Mary's Higher Secondry School] – Tamil Nadu State Board
- Year of Completion: 2022
- Score: 526/600 (89%)
- Engineering Cutoff: 179/200

ADDITIONAL INFORMATION

Technical Skills

- Java, Python, JavaScript, React, HTML, CSS, Tailwind,Angular
- NumPy,Pandas,TensorFlow,DSA, Git, GitHub, VS Code

Languages

- Tamil,English

Certifications & Achievements

- 1st Prize – Blind Coding, SANS CINCO 2K25
- 2nd Prize – Bug Buster, SANS CINCO 2K25
- LEO Club President – Mookambigai College of Engineering
- Active LeetCode user – [https://leetcode.com/u/mosesbeniyel/]