


VADRANAPU LIKITH

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 LinkedIn

 Github

Objective

A curious and driven Computer Science student with a builder's mindset — passionate about turning ideas into working solutions. I'm eager to grow through real-world challenges, collaborate with forward-thinking teams, and contribute to impactful tech that solves meaningful problems.

Education

GITAM UNIVERSITY, HYDERABAD.

Sept 2023 – June 2027

- Bachelor of Technology in Computer Science & Engineering, CGPA: 7.72

GOVERNMENT JUNIOR COLLEGE, KAMAREDDY, TELANGANA.

July 2021 – May 2023

- Intermediate in PCM, Percentage: 92.4

GOUTHAM HIGH SCHOOL, KAMAREDDY, TELANGANA.

June 2016 – Mar 2021

- Secondary School, CGPA: 10

Experience

Intern, National Institute of Technology Warangal (NITW)

May - 2024

- Contributed to deep learning model implementation and integration in a real-time system.
- Participated in preprocessing, model training, testing, and deployment stages.
- Supported deployment of the solution through a Flask-based web interface.
- Collaborated in a small team under research guidance to meet project milestones.

Projects

Real-Time Face Detection System

Dec - 2024

- Developed a face detection tool using webcam feed and OpenCV with MobileNetV2 embeddings.
- Used SVM for classification and optimized performance in dynamic lighting.
- Optimized the system for lightweight, real-time use cases with fast and efficient performance.

Multimodal Biometric Authentication System

June -2025

- Developed a deep learning-based authentication system using fingerprint and ECG data with ViT and Transformer encoders
- Preprocessed and normalized SOCO Fing and PhysioNet datasets; extracted features for robust identity verification.
- Integrated softmax score-level fusion and deployed the complete system via a Flask web application.

Skills Summary

Programming Languages: C, Python, Java

Web Technologies: HTML5, CSS3, JavaScript, Bootstrap

Frameworks: Django, Flask

Machine Learning & AI: TensorFlow, Supervised Learning, NLP

Database Management: MySQL

Tools & IDEs: Visual Studio Code

Operating Systems & Project Tools: Linux, Windows

Version Control: Git, GitHub

Certifications

AWS Cloud Technical Essentials -Coursera -[Credential Link](#)

Geodata Processing using Python and Machine Learning – ISRO-IIRS - [Credential Link](#)

Programming for Everybody (Getting Started with Python) – University of Michigan (Coursera) - [Credential Link](#)