

Virupakshi Akhileswar Reddy

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering
Cumulative GPA: 7.93/10

Vellore, TAMILNADU

Expected May 2024

Sri Chaitanya High School

Intermediate | Score: 958/1000

Hyderabad, TELANGANA

Jul 2018 - May 2020

Sri Chaitanya School

10th SSC-AP Board | GPA: 9.7/10

Anantapur, AP

Jul 2017 - May 2018

WORK EXPERIENCE

SMARTINTERNZ

AI Intern

Online, IN

May 2023 - Jul 2023

Smart Attendance System Using Face Recognition | [Source Code](#)

- Developed Python, face recognition, and numpy project. Encoded face images for accurate facial recognition.
- Created a powerful facial detection system using encoded facial features to improve attendance management.
- Implemented the algorithm, improving attendance data correctness and dependability. Securely stored and analyzed data in CSV format.
- Has established a Flask-based attendance tracking and verification website.
- Made it easy for new users to enter their name and upload a.jpg photo.

PROJECTS

GoNAV: AI-BASED TRAVEL PLANNER AND GUIDER – PROJECT | [LIVE](#)

2022

Driver Drowsiness Detection System | [Source Code](#)

2022

- Built a project using CNN and Python. Used numpy, tensorflow, keras, and matplotlib to improve project performance.
- Image processing techniques were used to extract facial features and to monitor the driver's eyes for indicators of tiredness.
- CNN was used to train a model capable of detecting tiredness based on eye movement. Face-recognition can be used to identify people, ascertain if they are awake, and alert users if necessary.
- When a predetermined value surpasses the threshold value, an alarm will go off.

TECHNICAL SKILLS

Coding Skills: Python, Java

Web Development: HTML/CSS

Database: SQL

Cloud Development: AWS

Artificial Intelligence and Machine Learning: Numpy, Pandas

ADDITIONAL

Languages: English (Fluent), Telugu (Native), Hindi (Basic)

Certifications & Training: [AWS Cloud Practitioner](#), Getting Started with Enterprise grade AI

Volunteering: Volunteered as Coordinator at VIT Riviera 2023 & Manager at Gravitas 2023