Yogendra Antharvedi

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EDUCATION

Nxtwave Disruptive Technologies **Dec 2023 - Ongoing**
Industry Ready Certification in Full-stack Development

BV Raju Institute of Technology (BVRIT) , Narsapur **2022 - 2026**
B Tech (Bachelor of Technology)_Computer Science Engineering (CSE) (8.78 CGPA)

Sri Chaitanya Junior College, Bhaskar Bhavan, Hyderabad **2020 - 2022**
Intermediate_MPC (94.9%)

Sri Chaitanya School, Hyderabad **2019 - 2020**
Secondary School Of Certificate (10.0 CGPA)

SKILLS

Core Languages: C++, Python, Java, JavaScript
Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), Operating Systems (OS), Computer Networks (CN)
Frontend: React.js, HTML, CSS, Bootstrap, Flexbox
Backend: Node.js, Express, Flask
AI/ML: TensorFlow, OpenCV, DeepFace, MTCNN
Databases: SQLite, SQLAlchemy
Developer Tools: Git, Power BI

ACHIEVEMENTS

Research Publication in ICCPCT 2024 – Face Detection & Counting in Crowded Environments

Published research on Face Detection and Counting in Crowded Environments at the International Conference on Circuits, Power, and Computing Technologies (ICCPCT). Demonstrated expertise in computer vision, deep learning, and real-time object detection by utilizing OpenCV, TensorFlow, and MTCNN to achieve high accuracy in face detection under challenging conditions.

PROJECTS

Emotion-Based Music & Content Recommendation System ()
This mini project aims to develop a smart recommendation system that detects the user's emotion using facial expression analysis and provides personalized music and content suggestions accordingly. The system uses deep learning techniques (like DeepFace) to classify emotions such as happy, sad, angry, or neutral from live webcam input. Based on the detected emotion, it recommends suitable music tracks, quotes, or videos to improve or complement the user's emotional state. The application features user login, emotion history tracking, and an admin dashboard for managing recommendations. The project is implemented using React (frontend), Flask (backend), and SQLite (database).
Technologies used: HTML, CSS, JavaScript, Bootstrap, React.js, Node.js, Python, Flask, SQLite, DeepFace, OpenCV, Flask-Login, SQLAlchemy

Tri-Pillar Platform (Academic, Wellness & Finance Management System)

This project aims to develop a unified productivity platform that helps users manage academics, personal wellness, and financial activities through a single web application. The system provides secure user authentication and a centralized dashboard with separate modules for academic tracking, wellness support, and financial monitoring. The platform promotes balanced lifestyle management by organizing tasks, supporting well-being, and tracking expenses efficiently.
The application implements JWT-based authentication with bcrypt password hashing and protected routing to ensure secure access. It follows a modular and scalable full-stack architecture using React for the frontend, Flask for backend API development, and SQLite for data storage.
Technologies used:
HTML, CSS, JavaScript, React.js, React Router, Axios, Python, Flask, Flask-JWT-Extended, bcrypt, SQLite, Git, GitHub

CERTIFICATES

Java Programming

The course covered fundamental and advanced concepts of Java, including object-oriented programming (OOP), exception handling, multithreading, collections framework, and Java database connectivity (JDBC). Hands-on assignments and programming exercises were included to strengthen coding skills in Java.

Soft Skills

The course focused on essential professional skills such as communication, teamwork, leadership, time management, emotional intelligence, and problem-solving. Emphasis was placed on effective idea presentation, teamwork collaboration, and improving interpersonal skills for workplace interactions.