GANESH MEESALA Giddalur, Andhra Pradesh, 523357

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Education

Bachelor of Technology in Mechanical Engineering   **| May 2024**
University of College Engineering Narasaraopet, Narasaraopet

Technical Skills

Programming Languages: Java, Python
Web Development: HTML5, CSS3, Bootstrap, JavaScript
Frameworks: Flask
Backend Technologies: RESTful APIs
Database Systems: MySQL
Version Control: Git, GitHub

Internship Experience

Python Developer Intern
Blue Cloud Softech Solutions, Hyderabad
Nov 2024 – Feb 2025

- Designed and developed a **news aggregator** with a **rule-based engine** to classify, filter, and prioritize news articles based on predefined conditions, leveraging **Python**.
- Implemented and optimized a **face recognition model** using the **YOLOv8** architecture, enhancing object detection and verification with 95%+ identification accuracy in real-time processing.
- Conducted comprehensive **functionality testing** to validate software reliability, performance.

Projects

Video Recorder Website

Technologies: HTML, CSS, JavaScript, WebRTC

- Developed and deployed a fully **responsive video recording** platform that enables real-time video streaming, recording, and snapshot capture using the **WebRTC API**.

- Engineered a dynamic **UI/UX with HTML, CSS, and JavaScript**, ensuring cross-browser compatibility and mobile responsiveness.

- Integrated file handling mechanisms to enable local storage, downloads, and media playback directly within the web interface.

Personal Diary Application

Technologies: Python, Tkinter, MySQL

- Designed and built a secure **personal diary** application, enabling users to create, manage, and delete diary entries with automatic timestamping.

- Implemented **MySQL**-based data storage solutions, ensuring efficient retrieval, data integrity, and privacy.

- Developed an intuitive GUI using **Tkinter**, providing a seamless, user-friendly experience with enhanced navigation features.

Certifications

- Programming foundations with Python | NxtWave Disruptive Technologies – Sept 2023
- Build your own Dynamic Application | NxtWave Disruptive Technologies – Sept 2023