BANOTHU VARDHAN

Hyderabad, India +916302515551 banothuvardhan147@gmail.com LinkedIn GitHub

Technical Skills

Technical: Java, Python, Html, CSS, JavaScript, MYSQL/SQL
Visualization Tools: Power BI, Excel Charts **Software Tools**: Git and GitHub.
Other Skills: Project Management, Web Development.

Personal Projects

Portfolio Website **Oct'2024**

- Designed and developed a personal portfolio website to showcase a variety of web development projects and technical skills. The site features a responsive, user-friendly interface and serves as a centralized hub for presenting my work, including front-end and back-end development projects, UI/UX design, and coding challenges.
- **Interactive Project Showcase:** A dynamic gallery displaying detailed project descriptions, live demos, and GitHub links.
- **Responsive Design:** Mobile-first approach with fluid layout and adaptive components for optimal viewing on all devices.

Grocery Store using Python **Nov'2024**

- The Grocery Store Management System is a Python-based project designed to automate and streamline the operations of a grocery store. This system enables efficient management of inventory, billing, and customer transactions. The primary objective is to reduce manual workload, improve accuracy in billing, and track product stock levels effectively.
- **While initially based on a command-line interface (CLI), the system can be expanded to include a graphical user interface (GUI) using Tkinter for a more interactive user experience. Future versions can integrate databases (like SQLite or MySQL) for persistent storage of product and transaction data, making it scalable for larger stores.**
- **User Preferences:** Allows users to save favorite items for future use.

Generation And Detection Of Face Morphing Attacks **Nov'2024**

- Developed a system to generate and detect face morphing attacks—where multiple facial images are combined to create a synthetic "morphed" face that can be used to bypass facial recognition systems. This project focused on enhancing biometric security by detecting such manipulated images, which can pose significant risks in identity verification systems.
- **Face Morphing Generation:** Used Generative Adversarial Networks (GANs) to create realistic face morphs from multiple source images, simulating attack scenarios for security testing.
- **Morphing Detection Algorithm:** Developed a deep learning-based model using FaceNet embeddings to identify inconsistencies and artifacts in morphed faces, achieving high accuracy in distinguishing genuine from morphed images.

Education

Sree Dattha Institute of Engineering and Science **Oct 2022-Aug 2025**
Bachelor of Technology in Computer Science and Engineering *Hyderabad, Telangana*

Anurag Engineering college **2019-2022**
Diploma in Civil Engineering *cgpa-7.59*

Certifications

Getting Started with Enterprise -grade AI Certificate	IBM	Certificate_Link
Summer Internship of Ai	Swecha	Certificate_Link