GURRAM NIKHIL

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ABOUT ME

Highly motivated and detail-oriented recent graduate with a computer science and engineering in Sreyas Institute of engineering and technology. Adept at quickly learning new concepts, committed to exceeding expectations, and eager to contribute to industry. Possesses strong communication and teamwork skills developed through academic projects and internships. Eager to embrace new challenges and committed to continuous learning.

EDUCATION

- **Bachelor of Engineering in CSE-DATA SCIENCE** 2021-2025
  Sreyas Institute of Engineering and Technology, Hyderabad
- **Board of Intermediate Education, Telangana** 2019-2021
  Narayana Junior College
- **Board of Secondary Education, Telangana** 2018-2019
  Goutami High school

PROJECTS

• X-Ray Bone Facture Detection Using CNN and MobilenetV2

Automated X-ray bone fracture detection system using Convolutional Neural Networks (CNNs) and MobileNetV2, a lightweight model optimized for efficient computation. The approach involves preprocessing X-ray images for noise reduction and contrast enhancement, followed by feature extraction using MobileNetV2 and classification through a CNN. The system is trained and validated on a labelled dataset of X-ray images comprising fractured and non-fractured bones.

DYNAMIC APPROACH OF GESTURE CANVAS USING MEDIAPIPE

-OpenCV, Mediapipe, Play sound, Tkinter

In the proposed system is developed using dynamic approach where OpenCV for video processing, Media Pipe as an algorithm for real-time hand tracking via webcam, Tkinter for image handling, Pygame for sound and dialogue box and Matplotlib for visualization on the virtual canvas. The system tracks hand gesture movements through webcam and allows users to sketch on the canvas, it has features like colour selection, erase, undo, image uploading, colour scaling and canvas saving where all these features are performed and used dynamically through gestures by virtual buttons and integrated along the process.

• FACIAL RECOGNITION ATTENDANCE SYSTEM

-Python, MySQL, Opencv, face_recognition

This innovative approach involves utilizing a camera to capture input images, detecting faces using algorithms such as Haarcascade verifying the faces against a database of student profiles, and marking attendance in a Database. during the attendance taking session, faces will be compared against the database to seek for identity. When an individual is identified, its attendance will be taken down automatically saving necessary information into a Database. Otherwise, it will detect and display the unknown person on webcam.

• WEB DEVELOPMENT

-A JavaScript-HTML project featuring a registration form with validation, local storage, and dynamic table population.

HTML page contains a registration form with fields for name, email, password, date of birth, and terms acceptance, with form submission and date validation handled via JavaScript. Upon form submission, valid data is saved in local storage and displayed in a table below the form.

INTERNSHIP/EXPERIENCE

Dynamics 365 Sales and Service (Internship – LevelUp IT Services)

- Completed a one-year internship at *LevelUp IT Services* focusing on Microsoft Dynamics 365 Sales and Service modules.
- Created and customized forms, views, tables, WorkFlows and Business rules in Dynamics 365.
- Developed workflows and Power Automate flows to automate business processes.
- Gained practical knowledge of Sales and Service modules, including lead management, case management, and opportunity tracking.
- Worked on custom entities, relationships, and field configurations to meet business requirements.
- Acquired hands-on knowledge in solution deployment, environment management.
- Collaborated with team members to understand client needs and deliver efficient CRM solutions.
- Learned to use Power Apps, Power Automate, and CRM Web API for integration and automation.
- Demonstrated strong teamwork, adaptability, and problem-solving skills throughout the internship.

TECHNICAL SKILLS AND INTERESTS

Technical Languages: Python**, C#,** HTML, CSS and JavaScript
Platforms: Dynamics 365 and Power Platform
Operating Systems: Windows, Linux
Databases: SQL
Libraries: NumPy, Pandas, Seaborn, Matplotlib
Soft Skills: Leadership, Adaptable, Consistency, Quick Learner.

CERTIFICATIONS:

Completion of virtual Internship on "Data Science" CODSOFT
- Completed a virtual internship in "Data Science" at CODSOFT, gaining hands-on experience in data analysis, machine learning, and practical applications of data mining techniques.

Completion of course on "Crash Course on Python" COURSERA
- Successfully completed a comprehensive "Crash Course on Python" on Coursera, covering fundamental Python programming concepts, syntax, data structures, and problem-solving techniques. Gained practical skills for writing efficient Python code and implementing programming logic.

Completion of "Python Full stack with Data Analysis" course VISION NETWORKS
- Finished a "Full Stack with Data Analysis" course at VISION NETWORKS, where I developed skills in web development and data analytics .

Web development 101 PUPILFIRST
- Successfully completed the "Web Development 101" course on Pupil first, covering the basics of HTML, CSS, and JavaScript. The course focused on building dynamic web pages, implementing form validation, and understanding frontend development concepts, providing a strong foundation in web development skills.

ACHIVEMENTS:

- I got 1st rank in quiz competition at Gautami High School.

- "I led my team, and all the projects were completed within the time scheduled."

Declaration:

I here by declare that the details and information given above are complete and true to the best of my knowledge.