

Nabela Fatima

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Hyderabad, India

CAREER OBJECTIVE

An energetic individual seeking a position at a respectable organization where I can apply my technical expertise, excellent interpersonal skills, and strong leadership to contribute to innovation and growth. Committed to continuous learning, collaboration, and fostering a productive environment that drives professional and organizational success.

SKILLSET

TECHNICAL

Programming Language: C, C++, Python

Web Technologies: HTML, CSS, Java Script

Database: MySQL

MS-Office tools: PowerPoint, Word and Excel

NON-TECHNICAL

Hardworking | Communication and Inter-Personal | Problem Solving | Critical thinking | Analytical mindset | Leadership | Organizational | Target oriented | Multi-tasking | Teamwork | Time Management | Adaptability & Flexibility | Strategic thinking

EDUCATION

Qualification	Institution	Year
M.TECH (CSE)	Muffakham Jah College of Engineering & Technology (Affiliated to Osmania University)	2025
B.E (IT)	Deccan College of Engineering & Technology (Affiliated to Osmania University)	2022
INTERMEDIATE	MS Junior college	2018
SSC	St. Ann's girls' high school	2016

ACADEMIC PROJECTS

➤ Pest Detection and classification in Peanut crops using Xception

- India is one of the largest contributors for the production of Peanut Crops. Accurate Pest detection and classification is essential for effective Pest management and Sustainable agriculture. This proposal aims an Advanced Pest detection and classification system in peanut crop, utilizing the Xception model.
- The aim is to detect and classify various pest species specific to peanut crops and develop a system that can effectively improve the performance of the system for early identification of pest species.
- To improve the Overall performance, efficiency of the system and reduce the rate of errors.

➤ Major Project on Clever CCTV using OpenCV

- CCTVs are mainly used for monitoring, detecting, safeguarding one's property, it Allows the use of video cameras to monitor the interior and exterior of a property, transmitting the signal to a monitor or set of monitors and commonly used to detect and deter criminal activities, and record traffic infractions.

- The primary objectives are Detection of motion through image capturing and processing, it provides Anti thief functionality by analyzing the video and detecting changes in it, it alerts the users when any kind of suspicious activity is observed.
- Provides regular recording feature as well.
- **Mini project on Driver Drowsiness detection using OpenCV**
 - Driver fatigue and drowsiness are significant factors in road accidents, leading to serious injuries and fatalities. Traditional measures such as roadside checks and self-assessment are not always effective in preventing accidents caused by drowsiness.
 - The objectives are to develop a Real-time system for identifying signs of fatigue through yawn detection and eye closure detection through Facial features recognition.
 - To send timely alerts to family member in case of drowsiness detection to prevent accidents.
- **Internship on Human Activity Pattern prediction from smart home applications at Pantech solutions**
 - With the rise of Smart homes and IoT devices, Understanding and predicting human activity patterns has become crucial for enhancing Automation, Energy efficiency, and personalized assistance.
 - The main objective was to develop a system that leverages sensor data, machine learning techniques to recognize and forecast daily activities in a smart home environment.
 - The system should identify routine behaviors, detect anomalies, and provide adaptive automation to improve user comfort and efficiency.

OTHER INTERESTS

Painting, Travelling and Reading

LANGUAGES SPOKEN

English, Hindi, Urdu

DECLARATION

I Hereby declare that the above-mentioned information is true to best of my knowledge.