


# Shaik Meharunnisa

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Vijayawada, Andhra Pradesh - 520003, India

## Objective

Engineering student with knowledge in programming and web development. Interested in problem-solving and creating innovative solutions. Looking for opportunities to apply technical skills to real-world projects.

## Education

<b>Lakireddy Bali Reddy College Of Engineering</b> Bachelors in Artificial Intelligence & Data Science	2022-Studying
• GPA: 9.18/10.0	
<b>Sarada Juniror College</b> MPC	2020-2022
• Grade: 96.8%	
<b>Narayana (EM) High School</b> Secendaray Education	2019-2020
• Grade: 96%	

## Internships

<b>BIST TECHNOLOGIES PRIVATE LIMITED</b>	May 2024 - July 2024
• I completed an internship at <b>BIST Technologies</b> , where I worked on a vehicle detection project focused on machine learning to ensure accurate detection. Developed a YOLOv4 vehicle detection system with precision, improving vehicle detection like cars and motorbikes.	
<b>EDUSKILLS</b>	Jan 2025 - March 2025
• I successfully completed a 10-week virtual internship in full Web Development at <b>EduSkills Academy</b> .	
<b>SMART HOME &amp; INDUSTRIAL APPLIANCES</b>	May 2025 - June 2025
• I completed an internship in the AI and IoT domains, where I learned to integrate both. I built a smart water system that auto-controls the motor based on tank level and tracks flat-wise usage. Extra usage is billed, and residents receive email alerts with usage and charges.	

## Projects

### Novel Verse

- Novel Verse is a full stack web application where users can sign up, log in and search for their favorite novels , all backed by a well-structured system for a smooth experience.

### Accident Detection

- This project processes live camera input to detect accidents in real time by analyzing each frame, and triggers a buzzer alarm in the surveillance room when an accident is detected.

### Portfolio

- Created a personal portfolio website using HTML, CSS, & JavaScript. Highlighting skills, projects, and internships with responsive design.

### Tetris

- Developed a classic Tetris game using MIT App Inventor with visual block coding, allowing smooth game play through intuitive controls.

### Smart Water Manager

- This smart water system uses AI and IoT to automatically control the motor based on tank level, track water usage for each flat, and bill additional usage with email alerts showing usage and charges.

## Skills

**Programming Languages:** C, Python, Java, Block Coding

**Web Technologies:** HTML, CSS, JAVASCRIPT, Node.js

**Database System:** MySQL, MongoDB,

**Data Science & Machine Learning:** TensorFlow, OpenCV, Machine Learning, Deep Learning

**Cloud Technologies:** AWS

## Certifications

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Amazon Cloud Practitioner	Feb 2025
Salesforce Certified AI Associate	Feb 2025
IOT 4.0 -NPTEL	May 2025

## Achievements

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**Hackathon Participant** – Built a deep learning-based vehicle accident detection system using OpenCV and PyTorch in the PSCMR College.