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## PROFESSIONAL SUMMARY

Electronics and Communication Engineering major with hands-on experience in my field, demonstrating strong technical expertise and initiative. Demonstrated success in full-stack development, machine learning, and IoT projects, effectively contributing as both a team member and leader in innovative technology roles.

## SKILLS

- **Languages:** C, Python, JavaScript
- **Web Development and Frameworks:** HTML, CSS, React.Js, Node.js, MongoDB, Express.js (MERN), Flask
- **Database:** MySQL
- **Tools:** Git, Vs Code
- **Coursework:** Data Structures and Algorithms
- **Other:** Machine Learning, Deep Learning, IoT, AWS, Firebase, OpenCV, Agile Methodologies
- **Languages Spoken:** English, Hindi, Urdu

## EDUCATION

<b>B.Tech in Electronics and Communication Engineering</b>	<i>Expected 2026</i>
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai	
<b>12th Grade</b>	<i>2020</i>
Woodbine Modern School, Darbhanga, Bihar	
Central Board of Secondary Education	
<b>10th Grade</b>	<i>2018</i>
Mahatma Gandhi Shikshan Sansthan, Darbhanga, Bihar	
Central Board of Secondary Education	
<b>International MBA Exchange Program (IMBA, Taiwan)</b>	<i>2025 Ongoing</i>
Pursuing courses in information management, marketing, and core business subjects for international experience.	

## PROJECTS

### Omnifood Website (HTML5, CSS3, JavaScript)

- Built a fully responsive food delivery website from scratch, featuring smooth animations, mobile-first design, and interactive elements to showcase modern frontend development skills.
- Deployed live the live version and open-sourced the project for community feedback and collaboration.
- **Links:** [Live Demo](#) | [GitHub Repository](#)

### Face Recognition System (LBPH, Machine Learning, Deep Convolutional Networks)

- Designed and developed a facial recognition system to enhance women's safety by detecting facial expressions through public surveillance cameras.

- Implemented intelligent threat detection to alert local authorities, ensuring safe passages for women in remote areas during both day and night.

### **Automatic Waste Segregation Management (Python, AWS)**

- Designed a microcontroller-based system for real-time waste segregation using infrared and ultrasonic sensors.
- Implemented a machine learning model for waste classification via image processing with OpenCV.
- Integrated IoT monitoring for remote data tracking and performance analysis on cloud platforms like AWS and Firebase.

## **AWARDS AND ACHIEVEMENTS**

- Secured 1st position in ECE departmental and 2nd position in Pro-G paper presentation at IIT Roorkee's annual tech fest, Cognizance.
- Secured 1st prize in paper presentation at Loyola Engineering College, Chennai.
- Achieved top 3 positions in various college-level coding competitions.

## **CERTIFICATES**

- Deloitte: Cyber Security (April 2025) — [View Certificate](#)
- IIT Roorkee: Prod-G (March 2024) — [View Certificate](#)