

# NAYANA NANDIGAM

Dommeru, Andhra Pradesh, India

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## OBJECTIVE

Aspiring **ECE graduate** seeking opportunities in **core engineering and software development** to apply programming, hardware, and problem-solving skills while contributing to innovative projects.

## EDUCATION

<b>B.Tech in Electronics and Communication Engineering (ECE)</b>	<b>2022–2026</b>
Sir C.R. Reddy College of Engineering, Eluru	CGPA: <b>8.33/10</b>
<b>Intermediate (MPC)</b>	<b>2020–2022</b>
Bhashyam Junior College	Percentage: <b>80%</b>
<b>Secondary Education</b>	<b>2019–2020</b>
Tirumala E.M High School	Percentage: <b>99.89%</b>

## SKILLS

- **Programming:** Python, HTML, CSS
- **Tools & Platforms:** IDLE, VS Code, Arduino, Vivado

## INTERNSHIPS

<b>Python Programming Intern</b> — BIST Technologies Pvt. Ltd.	<b>May 2024 – Jul 2024</b>
• Learned basic coding skills and worked on simple Python programs with guidance. • Improved problem-solving and debugging abilities.	

  

<b>Embedded Systems Intern</b> — BIST Technologies Pvt. Ltd.	<b>May 2025 – Jul 2025</b>
• Learned fundamentals of microcontrollers and sensors. • Worked on small hardware tasks and understood real-time embedded applications.	

## PROJECTS

- **ATM Simulator** – Implemented basic banking operations such as deposit, withdrawal, and balance inquiry using a simulated environment.
- **Smart Plant Monitoring System** – Designed a soil-moisture-based alert system using sensors and a microcontroller to prevent improper watering.

## CERTIFICATES

- Embedded Systems Internship – BIST Technologies Pvt. Ltd., Vijayawada
- Python Programming (120 Hours) – APSCHE & BIST Technologies Pvt. Ltd.
- Project Expo Participation (Smart Plant Watering System) – IETE Student Forum, Sir C.R. Reddy College of Engineering

## ACTIVITIES

- Vice-Chair – IEEE Sensor Council
- Tutor – IEEE Web Workshop
- Project Expo 2k24 Participant