

NAYANA NANDIGAM

Dommeru, Andhra Pradesh, India

☎ +91 9347013654 ✉ nayanandigam004@gmail.com [in linkedin.com/in/nayana-nandigam-593369354](https://www.linkedin.com/in/nayana-nandigam-593369354)

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.Tech in Electronics and Communication Engineering (ECE)	2022–2026
Sir C.R. Reddy College of Engineering, Eluru	CGPA: 8.33/10

Intermediate (MPC)	2020–2022
Bhashyam Junior College	Percentage: 80%

Secondary Education	2019–2020
Tirumala E.M High School	Percentage: 99.89%

SKILLS

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

INTERNSHIPS

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

Embedded Systems Intern — BIST Technologies Pvt. Ltd.	May 2025 – Jul 2025
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- 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 micro-controller 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