SRI NITHIN MITHRA K

Aspiring Electronics Engineer

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Summary

As an Engineering student, I am eager to start my career in the field of electronics and ready to give innovative solutions. I am passionate about utilizing my skills to make impactful contributions to technology and research.

Education

B. E. ELECTRICAL AND ELECTRONICS ENGINEERING	CGPA 8.1	2023-2027
HIGHER SECONDARY CERTIFICATE	91.5	2022-2023
SECONDARY SCHOOL LEAVING CERTIFICATE		2020-2021

Experience

Intern- VARIAC ELECTRONICS, Coimbatore

Acquired hands-on exposure to the manufacturing and working of Variac auto-transformers, including coil winding, internal construction, and essential design considerations.

Projects

Obstacle Avoiding Robot   May 2024

Developed an autonomous robot using sensor-based obstacle detection and microcontroller control, demonstrating fundamentals of embedded systems and robotics.

Power Bank -Adapter Integration (2nd prize in internal hackathon)

Designed and tested a regulated power management system integrating a power bank with an adapter for safe charging and efficient energy utilization.

Skills

- Programming in Python
- Teamwork

- Leadership
- Project Management

Area of Interests

- Embedded Systems
- Firmware

- Digital Electronics
- Internet Of Things (IOT)

Certifications

Basic of C++, Python and Java   Dec 2024

Completed a programming course conducted by Cybernaut, covering C++, Python and Java .Gained hands-on understanding of core programming concepts and basic problem-solving techniques.

Introduction To Industry 4.0 And Industrial Internet of Things, NPTEL   Nov2025

Gained knowledge in Industrial Internet Of Things. Industry 4.0 concerns the transformation of industrial processes through the integration of modern technologies .

Volunteer Experience

- GCT IEEE Member
- IV REPRESENTATIVE

- NSS Volunteer
- Class Tech Committee Member

Languages

- English
- Kanada

- Tamil