

VISHWA N

Electronics and Communication Engineering Intern

CONTACT

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PROFILE SUMMARY

Motivated Electronics and Communication Engineering student skilled in C, Python, PCB design, and circuit design. Experienced in projects like motion sensor switches and IoT-based health monitoring systems. Certified in IoT, AI, and Cybersecurity, aspiring to excel as an Electronics or PCB Design Engineer with a passion for innovative solutions.

EDUCATION

2021-2023

GOVERNMENT BOYS HIGHER
SECONDARY SCHOOL

- BIO MATHS

2023-2027

MEPCO SCHLENK ENGINEERING COLLEGE

- ELECTRONICS AND
COMMUNICATION ENGINEERING

SKILLS

- Electronics circuit design
- Digital circuit design
- Strong Knowledge in C, Python, DSA
- PCB Design
- Hand Made PCB Making Experience
- Microcontroller programming

LANGUAGES

Tamil - Fluent
English - Elementary

WORK EXPERIENCE

Project Intern - Independent Projects

Jan 2024 - Present

- Designed and implemented a motion sensor switch for energy-efficient lighting control using infrared technology.
- Developed an IoT-based patient health monitoring system to track and transmit real-time health parameters.
- Created an event management website with user-friendly features for streamlined event planning.

Electronics Design Trainee - Academic Projects

Aug 2023 - Dec 2023

- Designed PCB layouts and digital circuits for academic assignments using industry-standard tools.
- Applied data structures and algorithms to optimize software solutions for electronic applications.
- Collaborated in a team to present innovative electronics designs addressing real-world challenges.

Volunteer - Technical Support Team

May 2023 - Jul 2023

- Assisted in organizing technical workshops and seminars, ensuring smooth execution and participant engagement.
- Provided hands-on support in setting up and troubleshooting electronic systems during events.

CERTIFICATIONS AND ACHIEVEMENTS

- Introduction to Cyber Security from CISCO
- Introduction to Artificial Intelligence from INFOSYS
- Introduction to Industry 4.0 Industrial Internet of things from NPTEL
- Introduction to Internet of Things from NPTEL
- Roadmap for Patent Creation from NPTEL