

# VIGNESH.N

✉ Vigneshn877@gmail.com | ☎ +91-8508662477 | 🌐 vignesh-n-snsce | 📄 VIGNESHN877 | 📍 Coimbatore

## Education

Degree	Institute/Board	CGPA/Percentage	Year
B.E (ECE) Higher	SNS College of Engineering, Coimbatore	7.30 (Current)	2022-2026
Secondary	Government Higher Secondary School, Malliyakarai	63.8%	2020-2022
Secondary	Government High Secondary School, Malliyakarai	54.6%	2016-2020

## Internship Experience

### Max Automation

Duration: offline, July 2024 ( 3 Weeks)

#### Role: PCB Fabrication Intern

- Designed and fabricated single-layer PCB boards using PCB milling machines.
- Integrated ICs and electronic components to ensure efficient connectivity.
- Gained hands-on experience in PCB fabrication techniques and machine operations.

## Projects

### Accident Prevention System (offline)

Nov-2022

- Developed a system to reduce accident risks through integrated safety protocols, warning devices, and emergency response measures.
- Enhanced proactive safety and minimized hazards in real-time scenarios.

### Accident Detection System (offline)

Apr-2023

- Created a system that automatically alerts police stations, hospitals, and nearby vehicles in case of an accident.
- Improved road safety and reduced emergency response times.

### Mobile Network Signal Booster (offline)

Dec-2024

- Designed a low-cost network signal booster using affordable modules.
- Enhanced signal strength and transmission quality without the complexity of traditional solutions.

## Skills

- Programming Languages:** Java, Python, SQL, JavaScript, HTML5, CSS3, PHP, Node.js, React.js
- Tools:** Eagle, EasyEDA, KiCad, VS Code, Canva, MS Office, AWS, MongoDB, Git
- Operating Systems:** Windows
- PCB Design:** Proficient in designing single-layer PCBs using milling machines
- Non-Technical Skills:** Teamwork, Adaptability, Time Management
- Languages:** English (Fluent), Tamil (Native)

## Certifications

- Web Development:** Coders Cave | Feb 2024
- Java Programming:** Prep Insta | July 2024
- Full Stack Development:** Prep Insta | Nov 2024
- Frontend Development:** Great Learning | Aug 2024
- Salesforce AI Associate:** Salesforce | Nov 2024
- Salesforce AI Specialist:** Salesforce | Nov 2024
- Python Nano Degree Course:** PrepInsta Prime | 2022
- Enterprise Design Thinking Practitioner:** IBM | 2024

## Publications

- Journal Publication:** "Low-Cost Mobile Signal Booster Using LM386 IC" – Published in Zigma Medicare (OPC) Pvt. Ltd.

## LEADERSHIP & ACTIVITIES

- Junior Red Cross (JRC) Leader:** Promoted health, service, and education initiatives at Government School.
- Blood Donor:** Actively participated in blood donation drives.

## WORKSHOPS AND PARTICIPATION

- Workshop on Robotics and Automation:** SNS College of Engineering
- Project Presentations:** Karpagam College of Engineering & Bannari Amman Institute of Technology
- Paper Presentations:** Karpagam College of Engineering & Bannari Amman Institute of Technology

## Achievements

- Published a journal on a low-cost mobile signal booster.
- Actively participated in technical workshops and presentations.
- Demonstrated leadership as a Junior Red Cross Leader.