

NAVIN A

📍 3/619,Mangalapuram,Namakkal-636202 ✉ navinazhagu10@gmail.com ☎ 6369740067
in <https://www.linkedin.com/in/navin-a-6b050029b> 🌐 <https://github.com/Navinazhagu>

PROFILE SUMMARY

Detail-oriented ECE fresher with skills in HTML, CSS, and Java. Proficient in building responsive web applications, designing electronic systems, and developing software solutions. Eager to leverage technical skills to drive innovation and contribute to dynamic projects.

TECHNICAL SKILL'S

- Java(intermediate)
- HTML,CSS
- Javascript(Basics)
- MS Office

EDUCATION

SSLC	Government Higher Secondary School <ul style="list-style-type: none">• Percentage:71	Jun 2018 – Mar 2019
HSC	Higher Secondary School <ul style="list-style-type: none">• Percentage: 79	Jun 2020 – Apr 2021
BE	Muthayammal College of Engineering <ul style="list-style-type: none">• CGPA: 7.5/10• Branch: Electronics and Communication Engineering	Nov 2021 – May 2025

INTERNSHIP

Live Wire Future Skills Solutions ,Web Development <ul style="list-style-type: none">• Designed and developed responsive web applications using HTML, CSS, and JavaScript.• Using Visual Studio Code (VS Code) as the primary code editor for development and debugging.	Namakkal Jul 2023 – jul 2023
BSNL , Fundamental of Telecommunications <ul style="list-style-type: none">• Gained hands-on experience in telecommunications fundamentals, including transmission, switching, and signaling systems.• Learned about network architecture, protocols, and technologies used in BSNL's telecom infrastructure• Familiarized with telecom equipment, such as switches, routers, and transmission systems	Salem June 2023– June 2023
Emglitz Technologies ,Embedded Systems <ul style="list-style-type: none">• Designed and developed embedded systems using microcontrollers, Programmed in C, C++, and Assembly languages Worked with embedded operating systems and device drivers.• Worked with hardware components, including sensors, actuators, and communication modules.	Salem Sep 2024 – Sep 2024

CERTIFICATION'S

Smart India Hackathon

Sep 2023

- Participated in the Smart India Hackathon, a nationwide innovation challenge, Collaborated with a team to develop innovative solutions for real-world problems.

Industrial Exposure

Sep 2024

- Gained hands-on experience in Emglitz Technologies
- Worked on real-world projects and applications, developing practical skills Collaborated with industry professionals, learning industry best practices and standards.

Paper Publication-Simulation of a Non Dissipative Current Diverter-Based String Converter for Photovoltaic Systems

Apr 2025

- Published a research paper on innovative converter technology for photovoltaic systems.
- Conducted simulation-based research on non-dissipative current diverter-based string converters.

PROJECT'S

A MULTIMODAL DATA FUSION TECHNIQUE FOR HEARTBEAT DETECTION IN WEARABLE IOT SENSORS

- Developed a multimodal data fusion technique to combine ECG, PPG, and accelerometer data from wearable IoT sensors for accurate heartbeat detection.
- The goal is to improve the accuracy and robustness of heartbeat detection in various environments and conditions.
- **Tools Used:** ESP8266, Wi-Fi module, Heart sensor

LIBRARY CATALOGUE SYSTEM

[Git Link](#) 

- Develop a web-based library catalogue system to manage and track library resources, including books, journals, and digital media.
- **Tools Used:** HTML, CSS, JAVA, MySQL

REMOTE PATIENT MONITORING SYSTEM USING IoT

- Develop a cloud-based Remote Patient Monitoring (RPM) system to track patient's vital signs and health status remotely.(collaborated with Emglitz Technologies)
- **Tools Used:** Arduino ,Smartatches,ESP8266

SOFT SKILL'S

- Adaptive Person
- Team player
- Time Management

LANGUAGES

- English(R-W-S)
- Tamil(R-W-S)