

# Navin S

Phone : +91 9361681399

Email : [navins122004@gmail.com](mailto:navins122004@gmail.com)

LinkedIn : <https://www.linkedin.com/in/navin-s122004>



## CAREER OBJECTIVE

To secure a position in the Embedded Systems industry where I can apply my skills in microcontroller programming, embedded C, and hardware interfacing, while continuously learning new technologies and contributing to innovative and impactful embedded solutions.

## ACADEMIC QUALIFICATION

QUALIFICATION	SCHOOL/ COLLEGE	YEAR	BOARD/ UNIVERSITY	PERCENTAGE
B.E -ECE	Chettinad College of engineering and technology	2022 to 2026	Anna University	7.8(CGPA)
HSC	Cheran matric Hr.sec School,Karur.	2022	State Board	78%
SSLC	Cheran matric Hr.sec School,Karur.	2020	State Board	70%

## SKILLS

### TECHNICAL SKILLS:

- ✓ **Software Skills:** C, Python, Verilog, System Verilog .
- ✓ **Hardware Skills:** Arduino, VLSI, Networks.
- ✓ **Tools:** Xilinx Vivado, Xilinx ISE, MODEL SIM , Quartus II , Matlab ,Cisco Packet Tracer, Multisim, Microwind,CANoe,TS Master.

### SOFT SKILLS:

- ✓ Leadership.
- ✓ Time Management.

## INTERNSHIP EXPERIENCE

- ✓ **EDIGLOBE, Bengaluru : (1<sup>st</sup> Feb 2025 – 30<sup>th</sup> Mar 2025)**

### Domain: VLSI Design and Verification

Worked on fundamentals of digital design, HDL coding, and functional verification. Gained hands-on exposure to simulation tools, testbench creation used in VLSI design flow.

## HONORS AND AWARDS

- ✓ Successfully completed the NPTEL "**Microprocessor and Microcontroller**" course with a **55% score** , gaining foundational and practical knowledge in Microprocessor.
- ✓ I Participated and Successfully completed the Courses in **VLSI Level 1( Verilog and System Verilog)**Organized by the "**Taras system and solutions**" , Bengaluru.

## PROJECTS EXPERIENCE

✓ **Smart bridge using arduino UNO:**

Developed a smart automated bridge system using Arduino UNO and ultrasonic sensors to detect rising water levels and lift the bridge automatically. Integrated LED indicators, a buzzer, and a motorized mechanism for enhanced flood prevention and safety

✓ **Location sharing kit for woman safety using IOT:**

Developed an IoT-based women's safety device integrating GPS, GSM, and an emergency alert system for real-time location tracking. Ensured rapid response through cloud connectivity and mobile notifications for enhanced security.

## CERTIFICATIONS AND WORKSHOPS

- ✓ Participated in a Hackathon on ‘**ADAS ECU Simulation and Testing**’, conducted under the **Naan Mudhalvan Scheme** by **Tamil Nadu Skill Development Corporation** on *21st May 2025*, and was recognized for outstanding creativity, problem-solving skills, and dedication.
- ✓ “**Machine Learning for Beginners** ” from **Simplilearn | SkillUp**, enhancing skills in Machine Learning and Models .
- ✓ Completed a course in "VLSI Verilog " organized by **Ediglobe, Bangalore**.
- ✓ Completed a course in "Cisco Packet Tracer" organized by **Naan Mudhalvan** .
- ✓ I have participated in “**AMD AI CHALLENGE WORKSHOP** “ organised by Shooting Stars Foundation.
- ✓ I have participated in “Dr.kalam young achiever awards-2025” organized by world youth federation.

## PERSONAL DETAILS

Father's name : Sathishbabu . R  
Mother's name : Rani . S  
Date of birth : 12/12/2004  
Marital Status : Unmarried  
Permanent Address : 9,kamarajar street 3<sup>rd</sup> cross vvg nagar vengamedu Karur(dt)  
Languages known :

Language	Read	Write	Speak
Tamil	Yes	Yes	Yes
English	Yes	Yes	Yes

## DECLARATION

I do hereby declare that the above particulars of information and facts stated are true, correct, and complete to the best of my knowledge and belief.

Place :  
Date :

Your's Faithfully,  
Navin.S