THARUNKUMAR D

CONTACT

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🌐 **Website**
[Tharunkumar D | LinkedIn](#)

SOFT SKILLS

- Teamwork
- Leadership
- Problem Solving

TECH SKILLS

- C, Python, Java
- LabVIEW
- Proteus and Keil software
- E Plan

AREAS OF INTEREST

- Embedded System
- Sensors and Transducers.
- Internet of Things(IoT)

CERTIFICATION

- AutoCAD Electrical and EPlan

LANGUAGES

- English
- Hindi (Completed 8 Level)

CAREER OBJECTIVE

Aspiring Electronics and Instrumentation student committed to applying technical expertise and problem-solving skills to contribute effectively to your organization's growth, while advancing my professional knowledge in Embedded System through hands-on experience.

EDUCATION

Electronics and Instrumentation Engineering   2023 - 2027
Kongu Engineering College
CGPA: 9.02 / 10.00 (till 4th Semester)

Tagore Matric Higher Secondary School   2022 - 2023
Higher Secondary
Percentage: 89.33/ 100

PROJECTS

Accident Detection and Prevention System   JUNE 2025 - SEP 2025
Led the development of a smart accident detection and prevention system using ESP32, GPS and accelerometer sensors with Firebase backend for real-time user authentication, location tracking, and emergency alert notifications to near by hospitals and guardians.
Technologies Used: *ESP32 microcontroller, React.js, Firebase, Platform.io*

To-Do List   FEB 2025 - MAR 2025
Led the development of a feature-rich To-Do List application with task prioritization, automated notifications, and a snooze option, enabling efficient task management and flexible reminder handling for users.
Technologies Used: *HTML, CSS and JavaScript..*

ACHIEVEMENTS & HACKATHONS

Won **2nd Prize** in Hackathon by developing To-Do List, conducted by EIE Association

Won **1st Prize** in Paper Presentation on the Topic of **"Accident Detection and Prevention System"** organized by IEI at Puducherry Technological University.

Won **2nd Prize** in Paper Presentation on the Topic of **"Smart Irrigation and Monitoring System"** organized by ISTE.

INPLANT AND INTERNSHIP

INPLANT -Salem Steel Plant - SAIL

INTERNSHIP - IoT at Emertxe Technologies, Bangalore.