



MADHAVAN K

Instrumentation Engineer

Contact

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- 📍 Tiruppur, TamilNadu, India

Skill set

- problem solving.
- Critical thinking.
- Team collaboration.

Inplant training.

- Seshasayee paper and Boards Limited
- Ponni Sugars Erode Ltd.

Areas of Interest

- Embedded system of IoT.
- Analog integrator circuit.
- Digital logic circuit.

Language

- Tamil
- English
- Hindi (read and write)

Certifications

- Real Time Analysis of sensors and Transducers using MATLAB
- AutoCad Electrical and Eplan

Career Objective

To secure a challenging entry-level role in instrumentation and automation, applying my knowledge of control systems, sensors, and PLCs to enhance process efficiency and contribute to innovative engineering solutions.

Education

- Pursuing B.E in Electronics and Instrumentation Engineering in Kongu Engineering College at Perundurai with a CGPA of 7.69 (till 4th semester).
- Completed my schoolings in 2023 at Vidhya Vikas Matric Higher Secondary School , Tirupur with 81%

Projects

- Neerbot

An autonomous water surface cleaning and segregation system (August 2025)

- Insuchill

Portable Insulin pen for Diabetes Patients with Cooling System (February 2025)

Achievements

Won 2nd prize in IDEATHON'25 Kongu Engineering College August 2025

Paper Presntation

- Strategy Showdown in E-Summit-2k25 at IIT Roorkee
- Presented a paper on topic virtual reality at e-horizon 24 at KEC