



KANMANI M

OBJECTIVE

Highly motivated and detail driven professional seeking an entry-level position in a reputable organization. With a strong passion for learning and growth, aim to leverage skills and expertise to drive business excellence, foster innovation and contribute to a dynamic team environment.

EDUCATION

2022	• B.E. Electronics and communication Engineering
-	Velammal College of Engineering and Technology,
2026	Madurai.
	CGPA : 8.13 (Up to 6 th Semester)
2021	• HSC
-	The TVS School, Madurai.
2022	79.83%
2019	• SSLC
-	CEOA Matriculation Higher Secondary School ,
2020	Madurai.
	97.8%

PROJECTS

• IoT-Enabled Prosthetic Arm (2024)

This low-cost prosthetic arm utilizes flex sensors and servo motors to provide precise finger movements, while IoT connectivity enables real time monitoring and control.

• Irrigation Monitoring System (2023)

The Real-time irrigation monitoring system utilizes sensors and IoT technology to track soil moisture, temperature and other vital parameters, enabling precise water management and optimized crop growth.

• Arduino-Based Weather Monitoring System (2022)

This Arduino-Based weather monitoring system accurately tracks temperature, humidity in real time ,providing valuable insights for weather forecasting and environmental monitoring.

- 📞 9489271025
- ✉ kanmanisamy1305@gmail.com
- 📍 1580,TNHB Colony ,Villapuram,Madurai.
- 🌐 <https://www.linkedin.com/in/kanmani-m-5334932b8>

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C.
- **Databases:** SQL
- **Web Development :** HTML5,CSS3
- **Operating Systems:** Linux
- **Networking:** TCP/IP, OSI Model,Routing & Switching Basics,DNS, Firewall Concepts
- **Tools & Platforms:** Microsoft Excel, Microsoft Word, Putty,WinSCP, MATLAB.

PERSONAL TRAITS

- Problem solving
- Patience and Empathy
- Analytical Skills
- Quick learner
- Effective Communication
- Adaptability
- Strong Time Management

AREAS OF INTEREST

- Data Analyst
- AI/ML
- Cyber Security
- Data Science

INTERNSHIPS

INTERN AT RAIL INFO TECH SERVICES,MADURAI (Dec 2023 - Jan 2024)

- Completed a 2-week training program, gained expertise through visualization of interlocking track Systems, point changes and locations, Signal Passed at Danger (SPAD) protocols ,Signal Point Telephone(SPT) operations.
- Additionally, learned about fire detection systems and cybersecurity concepts, enhancing my understanding of safety and security protocols.

LANGUAGES

- English (Fluent)
- Tamil (Fluent)

WORKSHOPS

- Attended an workshop on “**RETRIC 5G**” conducted by Velammal college of Engineering and Technology, Madurai on September 2023.

PUBLICATIONS

- **DESIGN AND OPTIMIZATION OF DIFFERENT SHAPE SLOTTED PATCH ANTENNA FOR IOT APPLICATIONS (2025)**
 - Designed and Submitted an IEEE paper at SRM Institue of Science and Technology, Chennai.
- **PROSTHETIC ARM USING IOT AND MUSCLE MOVEMENT CONTROL (2024)**
 - Published by Author in Electronic Wings Project Challenge.

CERTIFICATIONS

- Cisco Academy’s “**NETWORKING BASICS**” (Sept 2025).
- CognitiveClass.ai’s (Powered by IBM Developer)“ **SQL AND RELATIONAL DATABASES 101**”(Sept 2025).
- INFOSYS’s “**INTRODUCTION TO ARTIFICIAL INTELLIGENCE**”(Jun 2025).
- Novitech’s “**DATA ANALYTICS**” (Feb-Mar 2025).
- NPTEL’s “**ELECTRONICS SYSTEMS FOR CANCER DIAGNOSIS**” by IISC Bangalore (Jul - Oct Oct 2024).
- NPTEL’s “**INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL INTERNET OF THINGS**” by IISC Bangalore (Jan- Apr 2024).
- Microsoft’s“ **CYBER SECURITY**” (Oct-2024).
- NPTEL’s “ **CLOUD COMPUTING**” (Jul - Oct 2023).
- NPTEL’s“**JOY OF COMPUTING USING PYTHON**” by IISC Bangalore (Jan-Apr 2023).

ACHIEVEMENTS

- **Elite World Records** - Participated in the “Coloring Simultaneously” competition at CEOA Matriculation Higher Secondary School, Madurai.
- Certified in TOEFL Junior standard test by the Voice training and Research Institue, demonstrating English Language proficiency at an international standard.

M.Kanmani

Signature