



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

- 9489271025**
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- 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.

2022	<ul style="list-style-type: none">• B.E. Electronics and communication Engineering Velammal College of Engineering and Technology,
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2026	<ul style="list-style-type: none">• Madurai. CGPA : 8.13 (Up to 6th Semester)
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2021	<ul style="list-style-type: none">• HSC The TVS School, Madurai.
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2022	<ul style="list-style-type: none">• 79.83%
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2019	<ul style="list-style-type: none">• SSLC CEOA Matriculation Higher Secondary School ,
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2020	<ul style="list-style-type: none">• Madurai. 97.8%
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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.

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 a 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 Institutue 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 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 Institutue, demonstrating English Language proficiency at an international standard.

M.Kanmani
Signature