

## **RESUME**



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### **Objective:**

To work in an organization which provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organisation.

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### **EXPERIENCE:**

Company	-	PVM Automation and Robotics, Coimbatore.
Role	-	Purchase Engineer,
Reporting	-	Project manager,
Working From	-	Nov 2022 – Mar 2023.

### **Responsibilities:**

1. Should take Bill of Materials (mechanical, electrical, pneumatics, packaging and forwarding)
2. Preparing Purchase Request.
3. Collection of Proforma Invoice & Handover the Purchase order.
4. Releasing the Drawings.
5. Vendor Development.

### **Projects involved**

1. Printing conveyor (To RANE-Pondicherry)
2. GPU Dunk Test (To GVR-Coimbatore)

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Company	-	TEXMO Industries, Coimbatore.
Role	-	Quality Checker,
Reporting	-	Production Manager,
Working From	-	Jun 2020 – Mar 2021.

### **Responsibilities:**

1. Quality checking of Pump and motors.
2. Dispatching section
3. To take daily loaded reports of Pump and motors.

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### **EDUCATIONAL QUALIFICATION:**

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|------------------|---|--|
| 1. BE (ECE)      | : | Pursuing, 1st class(7.6), Kalaingar karunanidhi Institute of Technology, Coimbatore. |
| 2. DIPLOMA (ICE) | : | 2020 Batch, 1st class(78), Coimbatore Institute of Technology, Coimbatore.           |
| 3. SSLC          | : | 2017 Batch, 1st class, Milton Matric, Coimbatore.                                    |
| 4. COURSE        | : | Industrial Automation and Robotics (Pumo technovation), Coimbatore.                  |
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**HANDS ON EXPERIENCE KNOWLEDGE:**

1. PLC - Ladder Logic Diagram (Software like DELTA, SCHNEIDER, MITSUBHISHI, SIEMENS).
  2. VFD (Variable Frequency Drives).
  3. SCADA and HMI.
  4. FANUC Robotics (Place and Pick).
  5. PCB Designing – Ki-cad.
  6. AutoCAD LT – 2D (only).
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**INTERNSHIPS:**

1. Embedded System - Litz Tech Coimbatore (23-12-2024 to 29-12-2024) and (01-07-2025 to 11-07-2025).
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**CERTIFICATIONS:**

1. C – Programming - Established under Canada institutional Co-operation Project (10-02-2018 to 16-03-2018)
  2. Arduino ATmega320p - Established under Canada Institutional Co-operation Project (16-07-2018 to 28-09-2018)
  3. PCB Designing Workshop - 'EL FUTURIX 24' conducted by Bannari Amman Institute of Technology
  4. Code Debugging - 'RIOGA 25' conducted by KGISL Institute of Technology
  5. Create a Tic-Tac-Toe game in python (coursera)
  6. Introduction to the Internet of Things and Embedded System (coursera)
  7. Signal Processing OnRamp (MATLAB)
  8. Open Learning - Migrating from the Cisco CCNA to the JNCIA-Junos conducted by Juniper Networks.
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**PROJECTS:**

1. Smart Farming using Pest Detection
    - Build an AI solution leveraging Python and Tensorflow/keras for image classification. Successfully implemented early pest and disease detection in crops using trained CNN modules.
    - Supported the vision of 'data ecosystems' in agriculture to optimize resources and minimize crop loss.
  2. Design and Analysis of Interconnected H-Slot FSS
    - Simulated the interconnected H-Slot FSS structure using electromagnetic modelling tools to evaluate resonance behaviour and transmission characteristics.
    - Analyzed the frequency response by observing how geometric variations in the H-slots and interconnections influence the resonant frequency and bandwidth.
    - Performed Phi-Theta angular simulations to study incident – angle sensitivity and access directional stability of the FSS. Validated the design through multi-angle and multi-parameter simulation sweeps, ensuring accurate EM performance across different operating conditions.
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**PERSONAL DETAILS :**

Date of Birth	:	08-11-2000.
Marital Status	:	Single.
Native	:	Thenkasi (Mela Naalanthula village)
Nationality	:	Indian.
Language Known	:	Tamil, English.
Aadhar no	:	6572 2797 2239
Pan no	:	QKDPS4446F

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DATE:

Place: COIMBATORE