

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.

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:

1. BE (ECE) : Pursuing, 1st class(7.6), Kalaignar 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, MITSUBISHI, 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

DATE:

Place: COIMBATORE