

## Education

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| • <b>GOVERNMENT COLLEGE OF ENGINEERING, THANJAVUR</b>         | 2024       |
| <i>Bachelor of Electrical and Electronics Engineering</i>     | CGPA-8.17  |
| • <b>GOVERNMENT BOYS HIGHER SECONDARY SCHOOL, NATRAMPALLI</b> | 2020       |
| <i>State board Board of education Tamilnadu</i>               | Per: 64.83 |
| • <b>GOVERNMENT HIGHER SECONDARY SCHOOL, VETTAPATTU</b>       | 2018       |
| <i>State board Board of education Tamilnadu</i>               | Per: 85.2  |

## Experience

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| • <b>Ashok Leyland (Graduate Apprentice Trainee)</b>  | 2024-25 |
| <i>Production, Planning and Control</i>   |         |
| • Optimized Model SAP Mix Planning across 5+ Models (DOST, BADA DOS T, PARTNER, MITR,), reducing production loss by mismatch.   |         |
| • Co-ordinating and cross function planning with Production, Stores and Purchase to release D+3 & W +2 plans, resulting on-time material availability and smoother production Flow. |         |
| • Reduced overstay vehicles inventory and enhanced material utilization efficiency.   |         |
| • Enhanced material utilization by conducting <b>WIP inventory planning</b> and wall to wall inventory and Internal audits.   |         |
| • Utilized KANBAN system for BIW Shop leading to improved material flow.  |         |
| • Implemented EDM System through structured weekly meetings, achieving timely milestones.   |         |
| • Led Inventory reduction by Engine dispatch based on VIN Generation strategy.  |         |

## Internship

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| • <b>BSNL, Trichy</b>   | 2024-25 |
| <i>Electrical Infra Management</i>  |         |
| • 25-Day internship in Telecom Industry, gaining exposure in Telecommunication infrastructure and operations. |         |

## Projects

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- **Density-Based Traffic System Using IR Sensor**
  - Designed a traffic System signal system using ARDUINO and IR Sensors to reduce unnecessary waiting time by dynamically managing signal durations based on real-time vehicle density.
  - Accommodated movement of vehicles smoothly with automatic changing junction function interfaced with IR Sensors.
- **Smart EV Charging System**
  - Developed a solar and wireless charging car prototype using Arduino, featuring an IOT-Enabled battery monitoring system for efficient battery operation.
  - Implemented a standalone setup using ARDUINO UNO, a solar panel, an LCD display, a driver board, a wireless charging kit, and a battery.
  - Successfully created a self-sufficient Solar and wireless charging car prototype with real-time monitoring and control.

## Technical Skills and Interests

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**Programming Language:** Python

**Design Tools:** MATLAB

**Office Tools:** MS Word, MS Excel, MS PowerPoint

**SAP:** Production Planning and Control, SAP-ECR-PRD, Material Management

**Communication:** English, Tamil, Telugu

**Planning:** Vehicle Sequencing, Model Mix Planning

## Highlights

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- **Competent Professional** with expertise in planning of LCV Vehicles from Engine, weld, trim and chassis.
- **Exhibited excellence** in managing new model production planning.
- **Proficient in managing daily planning activities** in coordination with external/internal departments for ensuring smooth operations.
- **Sound Exposure** in model mix planning & Sequence Planning.