

# CHRISTOBER S

PLC PROGRAMMER

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in Christober sebasthiyan

## SUMMARY :

Highly motivated and detail-oriented engineering graduate with a strong foundation in Programmable Logic Controllers (PLC), Control Panel Wiring, HMI Configuration. Looking for an entry-level Automation Engineer role to apply my software engineering skills in developing and implementing innovative industrial automation projects.

## TECHNICAL SKILLS :

- PLC Programming  
[ Delta (Dvp) , Siemens (Step-7) ]
- Control Panel Wiring
- Troubleshooting
- HMI Configuration  
[ DOP soft ]

## INTERNSHIP:

### Sree Kaderi Ambal Mills Private Limited:

- In SKAM, I gained valuable experience and knowledge about solar power generation. I became familiar with solar panel technology, installation, maintenance, and energy conversion processes. I had the valuable opportunity to gain in-depth knowledge of the yarn manufacturing process. My training provided a practical understanding of the entire production workflow, beginning with raw cotton selection and blow room operations to carding, drawing, combing, roving, and finally spinning.

### Amphenol Omni Connect Private limited:

- In AOCPL, I gained valuable experience and knowledge about Electric vehicle cables product production power plant. I learned For New product development system. Cables quality and High power generated in wires will be good condition quality checks For next process section. I had the opportunity to gain in knowledge of the yarn production process. My training period understanding NPD section area production workflow, cable cutting, cable inner,outer, Stripping, terminal insert crimping, cable Connector assembly , quality checks, final moving in process in system

## ACADEMIC PROJECTS :

### 1. Integrated PLC-Based Conveyor and Packing Automation with Fault Detection

- Designed a unified automation system for product packing and conveyor movement. Implemented real-time fault detection (jam, overload, motor failure) and emergency stop logic. Used timers and HMI for control, safety, and operator feedback.

### 2. Smart Traffic Signal Control System with Integrated Timer using PLC & Seven-Segment Display

- The traffic light system for a four-way junction using a Programmable Logic Controller (PLC) integrated with seven segment displays to show countdown timers for each signal phase.
- A seven-segment display is mounted at each junction to display the remaining time for red, green, and yellow signals, providing visual feedback to drivers and improving traffic flow efficiency.

## CERTIFICATIONS :

- I have completed the ‘Industrial Automation Course’ In Pumo Technovation.  
[ PLC , Control Panel Wiring , HMI ,SCADA ]

## EDUCATION :

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|---|-------------|
| • Mount Zion College Of Engineering And Technology, Pudukkottai | 2022 - 2025 |
| B.E.,EEE  |             |
| • GPA : 7.6   |             |
| Alagappa Government Polytechnic College, Karaikudi              | 2019 - 2022 |
| D.EEE   |             |
| Percentage : 83 %   |             |