A K A S H   K A R U P P A I A H

P L C   P R O G R A M M E R

📞 6381550280   ✉ akaakash644@gmail.com

SUMMARY:

Motivated and detail-oriented Automation Engineer with a strong academic background in and hands-on experience through academic projects and internships. Proficient in automation tools and programming languages such as PLC,CONTROL PANEL WIRING, and basic knowledge of control systems and industrial automation concepts. Eager to apply problem-solving skills and technical knowledge to develop and implement efficient automation solutions. Quick learner with a passion for innovation, continuous improvement, and contributing to team success in a dynamic engineering environment.

TECHNICAL SKILL:

- PLC programming
- Troubleshooting
- control panel wiring

EXPERIENCE:

Sree kaderi Ambal Mills Private Limited:

- In SKAM, I gained valuable experience and knowledge about solar power generation. I become familiar with solar panel technology, installation, maintenance ,and energy conversion processes

ACADEMIC PROJECTS:

- **Real time solar power monitoring using MPPT:**

Monitors solar power in real time using incremental conductance MPPT to maximize energy output changing environmental conditions. this project involved both software and hardware integration , showcasing my ability to develop effective solution through technologies

- **Sequential Timer-Based Car Wash System with PLC:**

The Sequential Timer-Based Car Wash System is an automated cleaning setup controlled by a Programmable Logic Controller (PLC). The system is designed to perform car washing operations in a predefined sequence, where each stage is activated for a specific duration using PLC timer instructions.

- **Automatic Car Parking Management Using PLC Counters**

The Automatic Car Parking Management System Using PLC Counters is an industrial automation solution designed to control and monitor vehicle parking spaces efficiently. The system uses a Programmable Logic Controller (PLC) with counter instructions to keep track of the number of vehicles entering and exiting a parking area.

CERTIFICATIONS:

- I completed "**INDUSTRIAL AUTOMATION"** course in pumo technovations.
  [PLC, CONTROL PANEL WIRING]
- I have a foundational understanding of **'UiPath robotics process Automation'** (RPA), including basic proficiency in uipath studio and workflow design.

EDUCATION:

MOUNT ZION COLLEGE OF ENGINEERING AND TECNOLOGY PUDUKKOTTAI	**2022 –2025**
B.E.,EEE CGPA : 8	
ALAGAPPA GOVERNMENT POLYTECNIC COLLEGE KARAIKUDI	**2019 – 2022**
DEEE Percentage - 79%	