

# Sourav G Samuel

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📍 Placheril Thekkethil Kuttemperoor P.O Mannar, 689623

## CAREER OBJECTIVE

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Highly motivated and detail-oriented electrical Engineering graduate with foundational knowledge of industrial control systems, including PLC and SCADA, seeking a challenging entry-level opportunity in a reputable organization where I can leverage my skills, contribute to the company's success, and further develop my expertise and professional experience.

## EDUCATION

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<b>Bachelor of Technology in Elecrical and Electronics Engineering</b> <i>College of Engineering Chengannur</i>	ALAPPUZHA 2020 – 2024
<b>Class 12</b> <i>St.Marys Residential Public School</i>	THIRUVALLA 2019 – 2020
<b>Class 10</b> <i>St.Marys Residential Public School</i>	THIRUVALLA 2017 – 2018

## CERTIFICATIONS

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<b>PG Diploma In Industrial Automation(PGDIA) Distributed Control System(DCS)</b>	November. 2024
• From SMEC Automation Pvt Limited,KOCHI with 3 months hands on practical experience in Industrial Automation Tools specializing in PLC, SCADA, DCS and VFD	

## PROJECTS

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<b>AUTOMATIC HEIGHT ADJUSTABLE PODIUM</b>   <i>Arduino IDE , Raspberry Pi OS</i>	April. 2024
• Built an automatic height-adjustable podium using Arduino UNO for control, with ultrasonic sensors to detect user presence and adjust height via a linear actuator. Added a speech-to-text display to assist hearing-impaired users. This project combines accessibility, user comfort, and enhanced functionality in presentation environments.	
<b>METAL SORTING MACHINE</b>	September. 2024
• Designed automated metal sorting machine using Allen Bradley PLC,sensors, and conveyor system, enhancing industrial sorting accuracy and efficiency through precise detection and automated control.	
<b>SCADA DESIGNING</b>	October. 2024
• Designed and scripted SCADA for a silo simulator in InTouch, enabling real-time monitoring and control.	

## TECHNICAL SKILLS

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**PLC Programming Languages :** Ladder logic, Function block diagram  
**PLC, SCADA, HMI, VFD, DCS, Electrical System Design, Matlab-simulink, Power Systems**

## SOFT SKILLS

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**Dedicated, Adaptability, Communication, Teamwork,Time management, Organisation**

## LANGUAGE KNOWN

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- English (Professional)
- Malayalam (Native)
- Hindi (Elementary)
- Tamil (Elementary)