

## KOWSHIKI R

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## Objective

I am a motivated and results-oriented professional seeking a company where I can leverage my expertise and qualifications to propel them toward achieving and exceeding their goals.

## Educational Qualification:

Degree/ Examination	Year of Passing	School/Institute	Board/University	Percentage/ CGPA
M.Sc. (Applied Electronics)	2024	PSG College of Arts and Science, Coimbatore	Bharathiar University	88%
B.Sc. (Electronics)	2022	PSG College of Arts and Science, Coimbatore.	Bharathiar University	75%
Class XII	2019	SLNM Higher Secondary School	TN HSC Board	87.3%
Class X	2017	SLNM Higher Secondary School	State Board	93.4%

## Internship

### Control Panel Automation

- Completed Internship Training on Power Loom Control Panel, at Sv works,k.s.n.puram, Palladam - 641 662. From 25th August to 11th September 2022.

## Project

### 1)Three Phase Fault And Street Light Fault Detection Using IOT

- Developed an IoT-based system for real-time detection of three-phase power faults and street light failures. Utilized sensors to monitor electrical parameters and lighting status, with automated alerts for quick maintenance. Enhanced infrastructure reliability and efficiency by providing timely fault detection and actionable insights.

## Technical Skills

- Embedded System Design with Firmware Development Using C.
- Hardware interfaces such as LCDs,7-segment displays, RTC, ADCs.
- Firmware Development using C for PIC microcontroller, Arduino, MPLAB XC8.
- Communication Protocol -UART, I2C, SPI.
- C Programming.

## Certification Courses

- Completed Course in Embedded System Provided by Argyn Technologies during(July-October2023)
- Completed Course in Python Provided by COURSERA during(June 2023)

## **Achievements & Awards**

- Elected as representative of the class.
- Team lead of hackathon project.
- Underwent ZONAL LEVEL GAMES & SPORTS COMPETITION in Handball and got the Runner-up position.

## **Languages**

- English (R, W, S)
- Tamil (R, W, S)