



# UDHAYA KUMAR C

## Electrical and Electronics Engineer

### Contact

#### Phone

+919150224006

#### Email

udhayakumar6608@gmail.com

#### Address

Erode,Tamilnadu

### Education

2019-2023

Coimbatore Institute Of Technology

B.E-EEE

Grades - 80%

2018-2019

KGMHSH - Erode

HSC

Grades - 88.5%

2018-2019

R.C High School - Erode

SSLC

Grades - 89.8%

### SKILLS

Software: KEIL, PROTEUS, MPLAB

Microcontrollers: 8051 , PIC , ARM AND STM32

microcontroller

Communication protocol: SPI, I2C, UART

Programming languages: C, C++ , Embedded C

### INTEREST

Embedded system

PCB Designing

Software Development

Software Testing

### SOFT SKILLS

Team work

Motivated

Creativity

Flexibility

### Language

English

Tamil

### Career Objective

Seeking a role in embedded systems to apply knowledge in programming and hardware interfacing. Aiming to contribute to innovative projects and solutions within a forward-thinking organization. Committed to continuous learning and growth in a dynamic environment.

### course

25.06.2024 -

Embedded Systems And PCB Design

Currently studying course on Embedded systems and Pcb designing on Pumo Technovation Coimbatore.

### PROJECT

IOT BASED SMART BOOKING OF ELECTRIC VEHICLE CHARGING STATION

TEAM MEMBERS:5

ROLE PLAYED:DESIGNER AND HARDWARE

DURATION :6 MONTH

DESCRIPTION:This project enables users to book a charging port via an app, which sends commands to a database for seamless scheduling. Additionally, it facilitates interconnection between charging stations and electric vehicles. The key advantage of this system is the significant reduction in waiting time, enhancing user convenience and efficiency.

### INTERNSHIP

NATIONAL SMALL INDUSTRIES CORPORATION

DURATION : 15 Days

DESCRIPTION:During my internship at the National Small Industries Corporation (NSIC), I gained hands-on experience in industrial processes and small-scale enterprise support. I worked on understanding the integration of embedded systems in industrial automation and IoT applications.

MGLITZ TECHNOLOGIES PRIVATE LIMITED

DURATION : 15 Days

DESCRIPTION :During my internship at MGltz Technologies Private Limited, I worked on embedded system design and software development for IoT-based applications. This experience enhanced my skills in microcontroller programming, hardware-software integration, and debugging.

### WORK EXPERIENCE

Titan Engineering and Automation Limited

DURATION : 8 Months

DESCRIPTION : I gained practical experience in designing and developing automation solutions. I worked on industrial automation for industrial applications, focusing on hardware interfacing, panel wiring, and panel testing. This opportunity provided valuable insights into automation technologies and enhanced my problem-solving and technical skills.