



**MALLIKARJUNAN M**

**Electronics and Communication Engineering**

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## Education

Year	Degree	Institute/School	CGPA/Percentage
2022-2025	B.E-ECE	Sri Ramakrishna Engineering College	7.1 CGPA
2019-2021	DIPLOMA-ECE	CIT Sandwich Polytechnic College	89.0%
2018-2019	HSC	SCM Higher Secondary School	71.2%
2016-2017	SSLC	SCM Higher Secondary School	90.02%

## Experience

**Versa Drives Pvt Ltd, Coimbatore – 1 Year 2 Months (2021–2022)**

- Admirable experience in testing and production engineering in electronics manufacturing environment.
- Good understanding in Electronic boards testing and drives assembling.
- Good knowledge in software installation.
- Preparation of test reports and production manual.
- Good knowledge in BLDC and Drivers .

## Area of Interest

1. Web Development
2. Internet of Things

## Projects

- **Application Development For Library Management**

This project involves developing a library management system website and subsequently converting it into a mobile app. The web platform enables efficient library operations, including book cataloging, user management. The transition to a mobile app enhances accessibility and user convenience. After successful development, the app is launched on the Google Play Store.

**Tools Used:** Visual studio code, Android studio, Flutter

- **Webpage development for government school (on going)**

Enhance educational outreach and accessibility for government schools through the development of an inclusive and user-friendly webpage. Foster seamless communication between stakeholders, streamline information dissemination, and promote transparency. Prioritize user experience, ensuring the website serves as a centralized hub for resources, announcements, and interactive tools, fostering a digitally empowered educational community.

**Tools Used:** Visual studio code, Xampp

- **Smart Attendance System Using Machine Learning (on going)**

The objective is to automate attendance tracking through real-time video streaming and machine learning. This system employs a camera to capture live video, a face detection module to locate faces, and a pre-trained recognition model for identification. With an attendance database and user interface, it ensures efficient logging and monitoring.

**Tools Used :** ESP32CAM

- **Lung Cancer Detection Using Artificial Intelligence**

This project leverages machine learning, particularly convolutional neural networks, to analyze medical imaging data, specifically CT scans, for early detection of lung cancer. By training the model on labeled datasets and collaborating with healthcare experts, the goal is to create a reliable tool for identifying potential cancerous nodules, contributing to improved diagnosis and treatment outcomes.

**Tools Used :** Matlab

## Technical Skills

- Programming Language : .Programming C
- Web development : HTML3 , CSS
- Flutter Application Development (Basic)
- **Software Known** : Android Studio, Visual Studio, Arduino IDE, Keil IDE, Proteus.

## Key Courses Taken and Certifications

- Undergone “**Programming in C**” , certified by Bharathidasan University.
- Undergone “**Embedded Systems** ” ,certified by Prolific Institution.
- Undergone “**CMOS Circuit Design** ” ,certified by our institution.

## Positions of Responsibility

- Vice President of ASELCOME - Association of Electronics and Communication Engineering, SREC.

## Implant Training

- ITC Private Lid, Coimbatore
- Codsoft- Webdevelopment

## Personal Details

**Date of Birth** : 09-10-2001

**Languages Known** : Tamil, English, Kannada

**Address** : 6/42, Mogambigai Avenue, K.Krishnapuram, Kamanayakkenpalayam,Palladam,Tiruppur-641658

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

**Place:** Coimbatore  
**Date:** 13.05.2024

Mallikarjunan M