

# **DHARANI KANNA K V**

**ELECTRONIC AND COMMUNICATION ENGINEERING**

**E-Mail = dharanikanna1999@gmail.**

**Mobile = 96982087898**

**Address = Flat no: 227, 4<sup>th</sup> street, SK township, Ammapet, Salem-636014**

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## **EDUCATION**

**SRI VIDHYA MANDIR SENIOR SECONDARY SCHOOL, Salem, Tamilnadu.**

- I Scored 80% in SSLC.I completed SSLC in CBSE syllabus.

**SRK MATRIC HIGHER SECONDARY SCHOOL, Salem, Tamilnadu.**

- I scored 65% in Higher Secondary at State Board Syllabus.

**TAMILNADU COLLEGE OF ENGINEERING, Coimbatore, Tamilnadu.**

- CGPA up to 5<sup>th</sup> semester 7.2

## **PERSONAL SKILLS**

- Leadership
- Comfort to Communication,
- Active Observer
- Flexible and Patience,
- Embedded Developer,
- Django Full-stack developer

## **LANGUAGES**

(Comfort to Read, Write, Speak)

- தமிழ்
- ENGLISH

## **TECHNICAL SKILLS**

### **Wireless**

- LoRa
- Zigbee
- ESP8266

### **Development Boards**

- Arduino
- Raspberry pi
- Many Transducers (SENSORS)

## **PROJECT AREA**

- IOT Automations
- Bio-Medical Electronics
- Full stack
- Embedded in Automation

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## PROGRAMMING LANGUAGES

- EMBEDDED C
- PYTHON
- C - PROGRAMMING
- Django Full-Stack Developer

## BACKEND LANGUAGES

- PHP
- MySQL (DB)
- Django
- Flask

## PROJECTS

1. PROSTHETIC ARM.
2. SMART HELMET.
3. IOT-BASED PARKING SCREEN.
4. FREE ENERGY BATTERY(R&D)

## APPROACHED & PARTICIPATED PROJECTS

### 1. VISHWAKARMA AWARDS

- It is conducted by Central government on theme of increasing income of the rural people.
- I approached to sell By-products of “Banana” by smart way. (Like smart Farmers market)

### 2. SMART INDIA HACKATHON (2019)

- I have approached idea for a problem “To identify the own sweating odor by mobile app. Before nearby person smell the odor”

### 3. SMART INDIA HACKATHON (2020)

- I have approached idea in E-Vehicle’s Battery Health Monitoring System.

### 4. BHARATH FORMULA KARTING

- Expo conducted by AutoCAD.
- I have participated on that Expo as technical Adviser and developer for the innovation round and that for we have score Good point.

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- Innovative approach is making reverse gear for kart by using dual electromagnet controlled by electrical relay.
- My smart helmet concept also installed to that kart. (Made a connectivity between helmet and Vehicle. This connectivity make vehicle to when Driver wear the helmet)

## ABOUT MYSELF

- I have proceeded my internship as Embedded Developer at a **TECH $\mu$ C AUTOMATION** by Part time.
- I had done many projects at my internship period based on the company requirements.
- I had handled a Workshop for my juniors on the topic of “**EMBEDDED DEVELOPMENT USING MULTISIM V.14 SIMULATOR**”
- Always active to Lead my team in projects.
- I have attended some conference, symposiums to execute my innovative ideas through Technical Presentation's, Project expo.
- I have attended some Workshops to learn interested topics and it increase more curiosity on that domain. (Hand on training in hardware, IOT, Cyber Security, analyzing of signals using MATLAB,).
- To develop some basic skills on VLSI, Hardware, Raspberry pi. Attended hand on training class at “**CALIBER EMBEDDED TECHNOLOGIES**”.

## INTERNSHIP DETAILS

Name of Company = **TECH $\mu$ C AUTOMATION**

Position = **EMBEDDED DEVELOPER**

Timing = **Part time & Week ends**

## DECLARATION

I hereby declare that all the information mentioned in my resume is true and correct to my knowledge and I take full responsibility for the accuracy of the particulars mentioned. I have attached All my detail with this resume for clarification.

Signature  
**DHARANI KANNA K V**