

DHARANI KANNA K V

ELECTRONIC AND COMMUNICATION ENGINEERING

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 5th semester 6.34

PERSONAL SKILLS

- Leadership
- Comfort to Communication,
- Active Observer
- Flexible and Patience,
- Embedded Developer,
- Programming Skills,

LANGUAGES

(Comfort to Read, Write, Speak)

- தமிழ்

- ENGLISH

(Comfort to Read, Understand)

- HINDI

(comfort to Understand)

- MALAYALAM

TECHNICAL SKILLS

Wireless

- LoRa
- Zigbee
- ESP8266

Development Boards

- Arduino
- Raspberry pi zero
- Many Transducers (SENSORS)

PROJECT AREA

- IOT Automations
- Bio-Medical Electronics
- Full stack
- Deep learning
- Automation by Embedded

PROGRAMMING LANGUAGES

- **EMBEDDED C**
To develop embedded projects. Have familiar with Embedded C language.
- **PYTHON**
For future development of Embedded domain. Python is Easy and Efficient. So, I have improved language Python Skill.

BACKEND LANGUAGES

- **PHP**
- **MySQL (DB)**

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)**

- It is project expo conducted by central government, it has problems are faced by both Private and Government sectors.
- 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)**

- It is project expo conducted by central government, it has problems are faced by both Private and Government sectors.
- 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.
- 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 μ 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 μ 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