

# DHARANI KANNA K V

ELECTRONICS AND COMMUNICATION ENGINEERING

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## INTERNSHIP EXPERIENCE

- 1. TECH $\mu$ C AUTOMATION**  
Position: EMBEDDED DEVELOPER  
Timing: Part time & Week ends
- 2. Alpha AI**  
Position: Fellowship in Data scientist  
Training: Part time for 5 weeks

## PERSONAL SKILLS

- LEADERSHIP
- COMFORT TO COMMUNICATON
- ACTIVE LISTENER
- FLEXIBLE AND PATENCE
- INTRESTED TO LEARN NEW THINGS
- TECHNICAL SKILLS

## LANGUAGES

(CONFORT TO SPEAK, READ, WRITE)

- தமிழ்
- ENGLISH

## TECHNICAL SHILLS

### Wireless

- LoRa
- Zigbee
- ESP8266
- GPS
- GSM

### Development Boards

- Arduino
- Raspberry pi
- Many Transducers (SENSORS)

## PROJECT AREA

- IOT Automations
- Bio-Medical Electronics
- Web designs in Full stack
- Automation using Embedded
- Android applications

## PROGRAMMING SKILLS

- EMBEDDED C
- PYTHON
- C – PROGRAMMING

## BACKEND LANGUAGES

- Core PHP
- MySQL (DB)
- Java script

## FRAME-WORKS

- Django
- Flask
- NumPy
- PANDAS
- Matplotlib

## 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

## EDUCATION

**SRI VIDYA 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 6<sup>th</sup> semester 7.2

## 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. (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 for a task to design “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 innovative idea developer.
- My smart helmet concept installed to that kart.

## ABOUT MYSELF

- I have proceeded my internship as **Embedded Developer** at **TECH $\mu$ C AUTOMATION** by Part time.
- I had done many projects at my internship period based on the company requirements.
- I had handled 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 participated in conference, symposiums to execute my innovative ideas through Technical Presentation’s, Project expo.
- I have participated Workshops to learn interested topics and it also increase more curiosity on that domain (Hand on training in hardware, IOT, Cyber Security, analyzing of signals using MATLAB).
- Joined some hand on training at “**CALIBER EMBEDDED TECHNOLOGIES**”. And learned basic skills on VLSI, Hardware, Raspberry pi in these trainings.

## CENTRAL GOVERNMENT TRAINING EXPERIENCE

- I have selected for IEP on FPGA Based Embedded Systems - Covering Swadeshi Microprocessors training in NEILT, Calicut.
- Training topics is VEGA Processor and SHAKTI processor using Hardware Remote lab.

## PROJECTS

- PROTHETIC ARM
- SMART HELMET
- PARKING MANAGEMENT
- FREE ENERGY BATTERY(R&D)
- IoT MOBILE APPLICATION

Signature

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