

DHARANI KANNA K V

ELECTRONICS AND COMMUNICATION ENGINEERING

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Address: Flat no: 227, 4th street, SK township, Ammapet, Salem-636014

INTERNSHIP EXPERIENCE

- **TECH μ C AUTOMATION**
Position: EMBEDDED DEVELOPER
Timing: Part time & Week ends
- **Alphaa AI**
Position: Fellowship in Data scientist
Training: Part time for 5 weeks

TECHNICAL SKILLS

Wireless

- LoRa
- Zigbee
- ESP8266

Development Boards

- Arduino
- Raspberry pi
- Many Transducers (SENSORS)

PROJECT AREA

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

PROGRAMMING SKILLS

- EMBEDDED C
- PYTHON
- C – PROGRAMMING
- DJANGO FULL-STACK

BACKEND LANGUAGES

- Core PHP
- MySQL (DB)
- Java script

FRAME-WORKS

- Django
- Flask
- NumPy
- PANDAS
- Matplotlib

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 6th 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. (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 innovative idea developer in team. Also, we have score Good points.
- Innovative approach is making reverse gear for kart by motor controlled by electrical relay.
- My smart helmet concept also installed to that kart. (Transferred signals with data between helmet and Vehicle. This data make vehicle to when Driver wear the helmet)

ABOUT MYSELF

- I have proceeded my internship as **Embedded Developer** at **TECH μ 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 increase more curiosity on that domain. (Hand on training in hardware, IOT, Cyber Security, analyzing of signals using MATLAB).
- Having some basic skills on VLSI, Hardware, Raspberry pi. Attended hand on training class at “**CALIBER EMBEDDED TECHNOLOGIES**”.

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.

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