



DHARANI KANNA K V

ELECTRONICS AND COMMUNICATION ENGINEERING

E-Mail: dharanikanna1999@gmail.com

Mobile: 9698208798

LinkedIn: www.linkedin.com/in/dharani-kanna-k-v-ab5385186

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

INTERNSHIP EXPERIENCE

1. TECH μ 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 COMMUNICATION
- ACTIVE LISTENER
- FLEXIBLE AND PATIENCE
- INTERESTED TO LEARN NEW THINGS
- TECHNICAL SKILLS

LANGUAGES

(CONFIDENT TO SPEAK, READ, WRITE)

- தமிழ்
- ENGLISH

TECHNICAL SKILLS

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)
- JavaScript

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. (2014-2015)

SRK MATRIC HIGHER SECONDARY SCHOOL, Salem, Tamilnadu.

- I scored 65% in Higher Secondary at State Board Syllabus. (2016-2017)

TAMILNADU COLLEGE OF ENGINEERING, Coimbatore, Tamilnadu.

ELECTRONICS AND COMMUNICATION ENGINEERING (2017-2021)

- 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. (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 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 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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