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

1. **TECHμC AUTOMATION**
   Position: EMBEDDED DEVELOPER
   Timing: Part time & Week ends

2. **Alphaa 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

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. (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 **TECHμC 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 GOVERRMENT 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

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