# DHARANI KANNA K V

ELECTRONICS AND COMMUNICATION ENGINEERING
LinkedIn: www.linkedin.com/in/dharanikanna
Address: Flat no: 227, 4th street, SK township, Ammapet, Salem-636014

E-Mail: dharanikanna1999@gmail.com
Mobile: 9698208798

## PROGRAMMING LANGUAGES & TOOLS

- Python
- AWS
  (Saga Maker, S3, EC2)
- R Script
- C – Programming
- MySQL, PostgreSQL
- HTML, CSS, Java Script
- React js, Node js, Express
- Git, Heroku
- Matlab

## MODULES

- Django
- Flask
- NumPy
- Pandas
- Scikit learn
- Matplotlib
- Seaborn
- Nltk, Bert
- TensorFlow
- Open cv, Pillow

## VISUALIZATION -TOOLS

- Excel
- Tableau

## KEY SKILLS

- Machine Learning
- Deep Learning
- Data Visualization
- Computer Vision

## STRENGTH

- Leadership
- Team player
- Active listener
- Flexible and patience
- Quick learner
- Attractive speaker
- Energetic attitude

## LANGUAGES

- Tamil
- English

## EDUCATION

B.E | ELECTRONICS AND COMMUNICATION ENGINEERING | CGPA: 76%
TAMILNADU COLLEGE OF ENGINEERING, Coimbatore,Tamilnadu. (2017-2021)

HIGHER SECONDARY EDUCATION - State board | Mark in Percentage: 65%
SRK MATRIC HIGHER SECONDARY SCHOOL, Salem, Tamilnadu. (2016-2017)

SSC – CBSE | Mark in Percentage: 80%
SRI VIDYA MANDIR SENIOR SECONDARY SCHOOL, Salem, Tamilnadu. (2014- 2015)

## PROJECTS

1. WHATS APP AI-CHATBOT (AI PROJECT)
   Developed a chatbot with following specifications like Translator, sentiment analyzing, Virtual friend chatting system, Searching system.
   Technology used:  Flask, Text blob library, Heroku, Twilio API, NLP, Machine learning.

2. PROTHETIC ARM (Embedded system project)
   Designed a Robotic arm which work based on the EMG rate of Muscle contraction and Voice Command.
   Technology used:  EMG sensor, Arduino, Bluetooth, Servo motor, Embedded C Programming.

3. SMART HELMET (Embedded system project)
   Developed a Smart Helmet that only allow driver to start bike, when he is wear helmet without consume any liquor.
   Technology used: MQ2 sensor, Arduino, GSM, IR Sensor, Embedded C Programming.

4. PARKING MANAGEMENT (Embedded system project)
   Designed a architecture and a system of Parking Management system. It detects object using sensor & monitor vehicle parking system then update over IoT platform.
   Technology used:  Arduino, NODE MCU, IR Sensor, Embedded C Programming.

5. IoT MOBILE APPLICATION FOR HOME APPLIANCES CONTROL
   Designed a mobile application that can efficiently control and monitor whole house, Office or Industry.
   Technology used:  Arduino, NODE MCU, IR Sensor, Embedded C Programming, Flutter, Firebase.

## APPROACHED & PARTICIPATED PROJECTS

1. VISHWAKARMA AWARDS
   - It is conducted by Central government on theme of increasing income of the rural people.
   - I approached to make By-products of "Banana" by smart way. (Smart Farmer's market).

2. SMART INDIA HACKATHON (2019)
   - I have approached idea for a problem that "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".

## ABOUT MYSELF

- In Team project, I lead and motivate the team with positive energy.
- I have participated in many conferences, symposiums to execute my innovative ideas through Technical Presentation's and Project expo.
- I have attended Workshops to explore many interesting topics (Hand on training in hardware, IOT, Cyber Security, analyzing of signals using MATLAB).

## 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