Walajapet, India

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Hari Prasad
Electronics and Communication Engineer

P R O F I L E

To work efficiently and effectively as well as grow with a prestigious organization in the field of engineering so as to achieve self-realization and the accomplishment of organizational goals.

S K I L L S

KEY SKILLS
- Analytical Thinking
- Integrity
- Team player
- Communication
- Project management

TECHNICAL SKILLS
- IOT
- Embedded Systems
- Java
- Python
- C/C++
- MATLAB

L A N G U A G E S

- English
- Tamil
- Saurashtra

I N T E R E S T S

- Astronomical Engineering
- Embedded Systems
- IOT
- AI & ML
- BLockChain TEchnology

E D U C A T I O N

- **Electronics Communication Engineering**
  Vellore Institute Of Technology   8.27   Jul '19 - Present
- **Senior Secondary**
  Shrishti vidhayashram   87.8%   Jul '18 - May '19
- **Higher Secondary**
  Vedavalli Vidyalaya   9.8   Jun '16 - May '17

W O R K   E X P E R I E N C E

- **Embedded systems software developer - Intern**
Interfacing sensors and control systems with STM32 microcontroller as an IoT hardware to collaborate with industry level projects.   Feb'22 - Jun'22
- **Machine Learning engineer - Intern**
Tvishtryon solutions PVT.LTD. Working on a e-learning application for kids   Jun'22 - Present
- **Blockchain-AI-IoT Research Intern**
IOTAGI, Research and development on AI, IOT and Blockchain   Jun'22 - Present
- **Solai-VIT Club**
A student's club at VIT Vellore focused on the implementation of sustainable organic agriculture by the integration of applied science disciplines.   Aug'21 - Dec'21

A C H I E V E M E N T S

- **INOVATE AG-TECH Ideathon**
  Developed a prototype to detect the Adulteration in food products using chemicals. transducer and microcontroller.

C E R T I F I C A T E S

- **Data Structures and Algorithm**
  University of San Diego - Coursera
- **Build & Deploy AI Messenger Chatbot**
  IBM Watson - Coursera
- **AWS**
  AWS Cloud Technical Essentials
- **Machine Leaning**
  E_CELL IIT-Madras

P E R S O N A L   P R O J E C T S

- **Hand Gesture Control for Laptop**
- Hand gesturing to perform operations on laptop using Arduino UNO, ultrasonic sensors
- **Chatbot Using Neural Network**
  - Chatbot responding to texts using NLP
- **Gesture to speech wearable glove for Paralysis patients**
- An IoT model connected with cloud for paralysis patients to communicate with their caretaker
- **Implementation of Hearing AID Using Binary Masking**
  - Simulation of working principle hearing aid using binary mask and STFT algorithm on MATLAB
- **Traffic Light System**
- Four way traffic signal control and pedestrian crossing using 8051 microcontroller