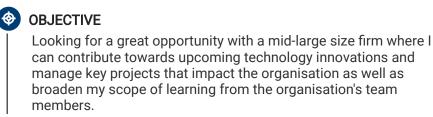


# **USHA M**



### EXPERIENCE

#### Fablabz, coimbatore

#### May 13, 2019 - June 13, 2019

#### Working on a project

By maintaing the soil moisture content the whole process of the plantation is montired.

# **EDUCATION**

#### Holy Angel's Matriculation Higher Secondary School

#### 2014 SSLC 87

#### SRV EXCEL Matriculation Higher Secondary School

### 2016

HSC 65

# KPR Institute of Engineering and Technology

#### 2016 - 2020

B.E.-Electronics and Communication Engineering 6.59

# PROJECTS

### Water atheft Monitoring System using GSM

The aim is to reduce the wastage of water by monitoring the usage consumed by each family, a particular meter level is given and upto that meter level the water is used.

#### FPGA Based Energy Efficient Home Appliance Control with **Embedded IoT**

We automate the home appliances automatically to calculate the power efficiency of the appliances and it senses through sensors and if anything Occurs the information is stored in the cloud, through the GSM Modem it sends the information to the mobile device.

# **INTERESTS**

Telecommunication

- Machine Learning
- Networks
- Marketting

# CONTACT

- ushamanickam19@gmail.com
- **\$** 8778669436
- No.17, The Signature Realitie Grand Square, Bagalur-Sarjapur Road, Opp. To Howden India Pvt Ltd, Kagganur, Hosur - 635103. http://www.linkedin.com/in/ushamanickam-523b5b188

# SKILLS

**Basics of Robotics** 

Python programming

C programming

Machine learning

#### **ACHIEVEMENTS & AWARDS**

Completed training program in foundation in Robotics (Industrial Robotics) Grade:A

Completed basic concepts in UI path.

Completed training on Embedded C programming using ARM Microcontroller in UTL Technologies.

Completed inplant training on Core java & J2EE which includes OOPS Concepts, MySQL Database and Servlets.



English

Teluau

Tamil

# **ACTIVITIES**

Member of Institution of Electronic and Telecommunication Engineers.



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Mohanabarathy R, Pradeep P, Priya Dharshini R, Usha M, "FPGA Based Energy Efficient Home Appliance Control with Embedded IoT", International Journal of Psychosocial Rehabilitation, ISSN:1475-7192, vol.24, Issue 08, 2020 (Scopus Indexed).