



**J.Thanga Prasath**  
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**Career objective:**

To work in a challenging atmosphere by exhibiting my hard work and technical skills with sincerity and dedication.

**Academic Chronicle:**

COURSE	INSTITUTE	BOARD	YEAR OF PASSING	PERCENTAGE/CGPA
BE.EEE	Sri Shakthi Institute of Engineering and Technology, Coimbatore	Anna University, Chennai	2016	6.6
HSC	Vivek Vidyalaya Matriculation Higher Secondary School, Coimbatore	State Board	2012	84.5%
SSLC	Vivek Vidyalaya Matriculation Higher Secondary School, Coimbatore	Matriculation	2010	76%

**Skill sets**

**Programming** : Basics of C, C++, HTML.

**Simulation software** : Labview, MPLAB.

**Areas of Interest**

- ❖ Power Electronics
- ❖ Transmission and Distribution
- ❖ High Voltage Direct Current(HVDC)
- ❖ Object-Oriented Programming Language(oops).

**Workshop Attended**

- ❖ Undertaken one day workshop on **Big-Data and Android** at Microsoft community held on 10<sup>th</sup> August 2014.

## **Training Undergone**

- ❖ Undergone training on **Core 1 concepts of Labview** at Sri Shakthi Institute Of Engineering And Technology in 2014.
- ❖ Had a training programme on **Industrial Embedded Programming Using PIC Microcontroller** at Sunshiv Electronics ltd in 2014.

## **Project Details**

**Title** : Smart Home Automation System

### **Description :**

This system is actually automating the residential activity. It includes centralized control of lighting, HVAC (heating, ventilation and air conditioning), appliances, security locks of gates and doors and other systems, to provide improved convenience, comfort, energy efficiency and security. All electrical appliances is controlled using Arduino Uno (microcontroller) and Bluetooth module. Voice is given as input signal to turn On and Off the electrical appliances such as Television , lamps, fans ,and refrigerator etc.

**Tools used** : Arduino Microcontroller, Relay, Bluetooth.

## **Mini Project Details**

**Title** : Human sensed Automatic door opener

### **Description :**

This project mainly deals with opening the door automatically by sensing human .Human body is sensed by using PIR sensor (pyroelectric sensor). Mechanical action of door is controlled using a servo motor. Arduino Uno(microcontroller) is used to control the entire system, it collects the information signal from PIR sensor and operates the motor to open or close the door.

**Tools used** : Arduino UNO, PIR sensor (human sensor module), Servo motor

## **Personal details**

Date of Birth	11-01-1994
Languages known	English, Tamil

### **Declaration :**

I hereby declare that the information provided above is true to the best of my knowledge.

**Place** : Coimbatore.

(J.Thanga Prasath)