



# GAYATHRI S

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## About me

I'm Gayathri, B.E graduate in Electronics and Communication. As a fresher, seeking an entry-level position to begin my career in a high-level professional environment. Ability to understand and develop job oriented skills. And an ambitious self-motivated person.

## Skills

### PERSONAL

Creativity  
Organization  
Team Work  
Attention to detail  
Communication

### PROFESSIONAL

HTML 5  
CSS 3  
JavaScript  
Basics of C, C++ ,  
Java, Python

### LANGUAGE

English  
Tamil

## Education

### Government College of Engineering, Srirangam

B.E (ECE) 80.05% 2018 - 2022

### S N M Matriculation Higher secondary school, Sivakasi

HSC (+2) 87.25% 2017 - 2018  
SSLC (10) 94.6% 2015 - 2016

## Projects

### Water level indicator using simple LEDs

The purpose of water level indicator is to gauge and manage water levels in a water tank. Components used are transistor BC 547, resistors, 3 LEDs, buzzer, battery- 5-9 V.

### Academic

### CNN based intra frame prediction for HEVC videos

Coding Unit partition of I-frame using Intra Prediction Module. An enhanced image results by Simple Convolutional Neural Network and Early Termination Algorithm. Used Matlab tool.

### Microwave Simulation using PICSIMLAB

### Internship

Done an one month online embedded internship offered by Emertxe Information Technologies,Bangalore.  
Simulation of microwave oven using PIC16F877A.  
Tools used are MPLAB X IDE, MPLAB Xc8 compiler.  
<https://youtu.be/mtcebsqBdfk>