

# MAHESH MANDOTI

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## Career Objective:

Looking for an Entry-level position as a Embeddedd Engineer or programmer in a dynamic firm that values my analytical and technical skills and provides scope for updating my knowledge, I seek a company that will help me contribute to its development while concurrently aiding my personal growth.

## Education Details:

University College of Engineering, Kakatiya University, kothagudem -70% (2018- 2022)

Sri Chaithanya Junior College, Bheemaram. - 85% (2016-2018)

Z. P. H.S High School MarripallyGudem -87% (2015-2016)

## Technical Knowledge:

Programming Languages	: Embedded C, C.
Target Platforms	: 8051, 8085, ATMEGA 328, Free RTOS.
IDE	: STM CUBE IDE, Microchip Studio, Codeblocks, Eclipse
Testing & Debugging	: LDRA Testsuite-TBRUN, TBVISION.
Communication Protocols	: CAN, SPI, I2C, UART
Scripting Languages	: Makefiles, CMake
Modelling& Simulation Tools	: Simulide, mbed platform, TinkerCAD

## Project works:

### Project work1:

The title of our mini project is “**HOME AUTOMATION SYSTEM USING RF TECHNOLOGY**”, in this project we integrated and designed a Automatic controlsystem for controlling different Electrical and Electronics Home Appliances. We were a group of four members, we worked and completed this project during VI<sup>th</sup> semester as a part of academics.

### Project work2:

“**Measuring distance of an object using ultrasonic sensor (HC-SR04)**”.  
Measuring the distance travelled by the wave to the object and gets bounced back from the object to sensor.

Measuring Pulse width using Input Capture Mode.

The distance travelled by a wave to the object for which we want to measure the distance using Ultrasonic Distance Sensor (HC-SR04).

## **Strengths:**

- Fast Learning, High grasping
- Self-motivated, Calm & patient
- Adaptable to changing environmental and emerging trends
- Good Communication skills, understanding.

## **Declaration:**

I hereby declare that the details above are correct and true to the best of my knowledge.

**Signature**

**(MAHESH MANDOTI)**