

# ARUN KUMAR R A

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## CAREER OBJECTIVE

To work for the organization where I can develop my designing skills and provide innovative solutions for the problem in the current scenario while effectively utilizing my engineering, while enhancing my knowledge yet further.

## ACADEMIC CHRONICS

### K.S.R COLLEGE OF ENGINEERING | 2018 - 2022

Bachelor of Electrical And Electronics Engineering With 7.90CGPA.

### SVB Matric. Higher Secondary School | 2017 - 2018

HSC - State Board with 56 Percentage.

### SVB Matric. Higher Secondary school | 2016 - 2017

SSLC - State Board with 82 Percentage.

## PERSONAL TRAINTS

- Embedded C Programing.
- C++.
- Expertise in problem solving.
- Quick learning of new initiatives.

## EXPERIENCE

- Hands on one year real time Experience as a IOT Developer in Savitha institute work on various real time projects using high proficiency of C and C++ programming language along with .arduino and raspberry pi.

## COURSE

- Accomplished Advance Embedded System Course Which Include Embedded C,++ with Six Month Duration at Emertxe Information Technology-Bangalore.

# PROJECTS

## CERTIFICATION PROJECT

**Title :** *Image steganography Using LSB Encoding and Decoding.*

**Description :** The Objective to Send Secrete Text File Encoded Inside and Image of bmp File Format. The Decoding Process Involves Decoding the Length and Then Decoding the Text Bit by Bit. The Final Output is the Secret Text After Decoding.

**Technology Used :** Embedded C - File Operation, Pointers, Bitwise Operations, Function, Makefiles, Command Line Arguments.

## ACADAEMIC MINI PROJECT

**Title :** *Motion Based Automatic Door Opening .*

**Description :** The home automation is one of the most emerging trends in modernization of home appliance control. It becomes very difficult for the elderly or physically handicapped people to do so. This system is designed to provide control of home appliances remote and via Bluetooth Android based Smart phone app.

**Technology Used :** Embedded System.

## ACADEMIC MAIN PROJECT

**Title :** *PV Based Induction Cooking System.*

**Description :** Induction cooking is widely used nowadays due to its high efficiency and safety. Induction cooking is derived from the principle Electro in the magnetic induction using eddy currents coil gets the excited ferromagnetic material to cause heating. Solar energy is used as a source of power for the induction stove.

**Technology Used :** Power Electronics.

## DECLARATION

I Here by Declare That the Details Above are True and Correct to the Best of My Knowledge. If i Get an Opportunity to Work in Your Concern, I Assure That i Will Discharge my Duties to The Full Satisfaction of My Employer and to The Best of My Ability.