

VINEETH R HARTHIKOTE

I am passionate about learning and want to gain experience in a challenging position where I can leverage my skills to contribute effectively to the organization's success while continuously enhancing my professional growth.

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📍 Bengaluru, Karnataka, India

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📞 8904518054

📅 21 February, 2002

EDUCATION

BMS Institute of Technology, Bengaluru

B.E. (Bachelor of Engineering) Electrical and Electronics Engineering

2020 - 2024

CGPA - 8.42/10

MES PU College

Pre-University Education

2018 - 2020

Percentage - 86.6%

Kendriya Vidyalaya, Malleswaram

Matriculation

2008 - 2018

Percentage - 83.6%

PROJECTS

Smart Water Management System

- It is a Embedded System project where we used Arduino Uno board to monitor and control the level of water in the overhead tank. We used the pressure sensor to detect the water level and Atmega microcontroller was programmed using Arduino IDE to control the pump based on the water level in the tank. The main objective was to ensure the continuity of water supply and detect the leakage in the system with the help of Thinkspeak server.

EXPERIENCE

Research Intern

Aeronautical Development Establishment - DRDO

03/2024 - Present

Bengaluru, Karnataka, India

Intern

Bharath Heavy Electricals Limited

10/2021 - 10/2021

Bengaluru, Karnataka, India

It was a online training cum internship on overview of solar power value chain and introduction to Railway propulsion system. At this training I learned about the importance of Rankine cycle in the generation of electricity in thermal power plant and also learned the basic difference between PV cell, Solar module and Solar panel. I also learned about the supply of electricity to the hotel loads in the locomotive's.

Participant

Indian Institute of Science

07/2023 - 07/2023

Bengaluru, Karnataka, India

EE Summer School is a workshop organised by IISc Bengaluru. In this week long workshop I learned about different projects going on in the field of Electrical and Electronics Engineering. I learned about the major application of signal processing in the field of medical science. I came to know about the importance of High voltages in satellite launch pads.

SKILLS

COMSOL

MiPower

Matlab

Simulink

PSpice

Python

C++

C

Embedded C

CERTIFICATIONS

Introduction to Power Electronics, University of Colorado

Electrical Power Systems, The State University of New York

MATLAB Onramp, Mathworks

Simulink Onramp, Mathworks

Object Oriented Programming Onramp, Mathworks

LANGUAGES

English

Native or Bilingual Proficiency

Kannada

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Reading

Research

Chess

Community Service