

B.HEMA SRI VARMA

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<https://github.com/hemasribiruduraju>

Career Objective!

Ambitious and adaptable graduate with a Bachelor's degree in Electronics and Communication Engineering. With excellent communication and team work , I am eager to kickstart my career and contribute to the growth of the organisation.

Have good research,technical and programming skills.

Other Activities

- Participated Actively in the workshops and programs conducted in our college.
- Skilled in adobe photoshop and good video editing skills.
- I am an IEEE member at the institute level in the signal processing society and working as an event organiser member.

Education

Sasi Institute of Technology and Engineering , in Electronics and communication Engineering. Oct 2022 – ongoing

- CGPA: 7.43/10.0
- **Coursework:** Analog and digital electronics ,microprocessors, and microcontrollers , VLSI design etc..

Aditya junior college , HSC BIEAP , in MPC June 2020 – Mar 2022

- CGPA: 7.88/10.0 (HSC certificate)
- **Coursework:** Mathematics , Physics , Chemistry.

Bhashyam public school , SSC (State) June 2019 – Mar 2020

- CGPA: 9.95/10.0 (10th certificate)
- **Coursework:** –

Internships

Zero Trust Cloud Security virtual Internship , Zscaler Apr 2024 – jun 2024

- Least privilege access,This principle limits users access to only the data, applications, and services they need to perform their authorized functions.
- Identity,focuses on verifying and authorizing users and devices before granting network access.
- Network segmentation,involves dividing the network into smaller, isolated segments to limit attackers lateral movement.

Microchip Embedded system developer virtual Internship , Microchip Jan 2024 – Mar 2024

- Experience with microcontrollers/microprocessors (e.g., ARM Cortex, AVR, PIC, ESP32, STM32, Raspberry Pi).
- Created PCB designs and worked with hardware schematics for embedded applications.Developed sensor-based systems using temperature, motion, or proximity sensors.
- Used simulation tools like Proteus, MATLAB, or Simulink for system modeling and testing.

VLSI (short term virtual Internship), Skilldzone jun 2024 – jul 2024

- designed an integrated circuit.
- In this virtual short term internship worked on the designing, testing, and fabricating of the integrated circuit.
- As an intern,i gain exposure to the entire VLSI design process, including system integration, circuit design, layout, and verification.

Achievements

- secured 71159 rank in CODECHEF
<https://www.codechef.com/users/hemasri2004>
- Secured an silver badge for basic C in HACKERRANK
<https://www.hackerrank.com/profile/22K61A0420>
- I have got a badge for python essentials in CISCO netacad .
<https://www.credly.com/badges/c7884b9e-7d26-4926-aceb-358969073812>
- I have got a badge for cyber security in CISCO netacad.
<https://www.credly.com/badges/6d826fdb-c0b0-45fe-b353-86c7fe319a56>

Projects

Zomato Bengaluru restaruants data

github.com/hema/zomato

- The project aims to predict the optimal price for a given cuisine and determine the best location to sell that cuisine with the help of scraped data from Zomato.
- Tools Used: Python 3.6

Personal portfolio website

github.com/hema/portfolio

- Developed a Personal portfolio website. which helps in represents the personality and to showcase the work and it is usefull to build your professional career.
- Tools Used: HTML,CSS,Java script

Skills

programming languages :-

- C, PYTHON, HTML, CSS , Java Script.

Technical skills :-

- MATLAB, Xilinx vivado, Operating systems .