R VIKRAM

Engineering Intern

EDUCATION:

BACHELORS IN ELECTRONICS AND COMMUNICATION ENGINEERING   2022-2026
VELLORE INSTITUTE OF TECHNOLOGY
CURRENTLY IN FIFTH SEMESTER
CGPA: 8.2

SENIOR SECONDARY   2020-2022
R N PODAR HIGH SCHOOL SANTACRUZ MUMBAI MR
PERCENTAGE: 84.2%

SECONDARY SCHOOL   2018-2020
PODAR INTERNATIONAL SCHOOL POWAI MUMBAI MR
PERCENTAGE: 92.4%

ABOUT ME

As a zealous second year B Tech engineering student majoring in Electronics and communication engineering trying to find internships to apply and increase my knowledge in the industry

SKILLS

Strong understanding of concepts in:
- Circuit design and theory
- Fundamentals of Intel 8051 microcontroller
- Digital logic

Languages worked with:
- Python
- Java Script
- Embedded C
- R

Software utilities I have worked with:
- Jupyter Notebook
- ServiceNow
- Keil microvision
- Multisim
- Modelsim
- FPGA implementation using Quartus Prime

Good communication and people skills

📞 +91 9167976780

✉ vikramraj588@gmail.com

📍 504. A wing,
Raheja nest CHS,
Lake Homes,
Chandivali farm road, Powai,
Mumbai
400072

LANGUAGES

- English
- Hindi
- Tamil

INTERESTS

- EMBEDDED SYSTEMS
- COMPUTER NETWORKS
- AI/ML
- ROBOTICS AND AUTOMATION

REFRENCES

SRINATH.KOTAKONDA@IN.BOSCH.COM

EXPERIENCE:

SUMMER INTERSHIP   JUNE 2024-JULY 2024

BOSCH GLOBAL SOFTWARE TECHNOLOGIES PRIVATE LIMITED   Bengaluru, India
Software Intern in the ESM department

Worked in ITSM catalogue developments in SERVICENOW platform. Job responsibilities included:

- Familiarizing with the SERVICENOW development environment.
- Creation and maintenance of personal SERVICENOW instance.
- Development of JavaScript scripts for different use cases
- Development of IT service catalogue in said instance.
- Elementary bug fixing in sandbox access of the company's instance

EXTRA CURICULARS:

1) Core member of IEEE-EDS VIT Vellore chapter   2022 ONWARDS
- Part of the Technical and Design domain of the chapter
- Logo designer for the events conducted in the year 2023-24
- Part of the recruitment team of the chapter

PART OF THE ORGANIZING COMMITTEE OF ELCETRA HACKATHON

Electra was the chapter's flagship event of the year 2023-24. The hackathon had 4 different tracks namely Embedded systems, VLSI and FPGA implementation, AI and ML and Open innovation. I was part of the technical committee who judged the ideas and made sure the ideas were original.

2) Part of the team representing VIT Vellore at SAE-ISS Electric 4 wheeler design challenge workshop 2024
- Attended the 2 day workshop conducted by Society of Automotive Engineers (SAE).
- Engaged in discussions about Systems Engineering.
- Built a small model to implement the principles of System Engineering.

PROJECTS:

Literature review on
- 'Implementation of Sensors in various Environments'
  Did review of research on sensor implementation in Medical environments, Automobiles, and in Extreme conditions, which culminated into development of a selection criteria for sensors.

Development and implementation of a miniature Advanced driver-assistance system

Used an ATmega328P based development board, L298N Motor Driver, and a combination of sensors to implement a miniature vehicle which detects and follows a line on the ground and detects and stops when faced with obstacles. Such technology can be easily translated into robots and self driving vehicles when needed to follow a fixed path