Sisir Pynda

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Summary:

Keen learner with ever-curious, imaginative mind passionate to work on and develop technologies with global impact. Currently pursuing bachelor of technology in electronics and communication in Vellore Institute of Technology (VIT), Vellore.

Education:

Vellore Institute of Technology (VIT), Vellore

B.Tech, Graduating July 2022
School of Electronics Engineering (SENSE)
CGPA (**6 semesters**): 8.49

Sri Chaitanya educational institute, Marathahalli, Bangalore

Academics: **Central Board of Secondary Education**
Class 12 (**82.2%**) 04/2018,
Class 10 (**10 CGPA**) 03/2016

Clubs and Chapters:

IEEE-PCS, Vellore, Tamil Nadu

Member (technical and management team)

Professional Skills:

1)C++

2)MATLAB

3)Data Structures and Algorithms

4)Debating and public speaking

Internships:

1)Data Science & Business Analytics Intern at The Sparks Foundation

2)Campus Ambassador Intern at NEO Educational Foundation

Extracurricular activities and Achievements:

1) Participated in Makathon (an annual hackathon) in 2018
2) Anchored for the event Technical Housie, by IEEE-Professional Communication Society in 2019
3) Been a Coordinator for event Technical Housie during annual technical college fest graVITas in 2020
4) Won 3rd Prize in Lingua Dictum (German) contest under LINGUAFIESTA 2021

Certified Courses:

1) GERMAN-I (NPTEL Online Certification)

2) Machine Learning with Python (Cognitive Class by IBM)

3) MATLAB Onramp

Projects:

1)Detection and monitoring of back bone bending

Abstract:
Multipurpose wearable device which can be used for clinical or everyday purposes which measures bending of backbone of a person, achieved by using a flex sensor, the device is not only meant to measure data but also understand it. The device visualizes live and historical data using a graph, notifies you using a smartphone app if back bone bends too much or too much stress is applied on it.

2)Techy beanie:

Abstract:
A beanie for monitoring temperature and health condition of a baby, the baby doesn't know of the device's presence as its completely in a beanie, it keeps track of baby's temperature and its smart enough to know if the cap is placed properly or not and in case of an emergency it would notify the parents using a smartphone app.

3)Smart Parking System using Image Processing:

Abstract:
The main objectives of this project were to make the parking process in crowded places more streamlined, it was implemented using MATLAB software, we automated things that were traditionally done by humans like giving parking tickets and collecting them, it also does other things like allotting parking places, calculating fare based on arrival and departure times, keeping a record of all the vehicles that had parked and presenting all of this data to the user using GUI.

4)Portfolio (Ongoing):

Abstract:
Portfolio was made using HTML and CSS, it displays basic information about me like Educational Background, Achievements, Interests, etc.

Languages:

1)English (fluent)
2)Telugu (fluent)
3)Hindi (fluent)
4)German (beginner)

Hobbies:

1)Playing Guitar
2)Playing Chess
3)Listening to Music