

# Vaishnavi D A

Roll No.: IDK20CS060

Bachelor of Technology

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## EDUCATION

### •Bachelor of Technology in Computer Science and Engineering

2020-24

Government Engineering College,Idukki

CGPA: 7.5

## PERSONAL PROJECTS

### •Web Scrapping

- I utilized the BeautifulSoup library to scrape data from the Times Job website.
- It shows the details of python related job.
- Technology Used: Python, BeautifulSoup

### •Sleep Detection

- Developed a sleep detector with alarm feature for drivers to prevent accidents caused by drowsiness while driving.
- Technology Used: Python,Pygame

### •Emotion Detection

- Designed an emotion detector for vehicles to ensure safe driving by preventing the vehicle from starting if the driver is angry.
- Technology Used : Python,Deepface

### •Location Based Reminder App

A mobile app that lets user set alarms based on location.

- Also had facilities to send notifications to guardians and find shortest path to do scheduled tasks.
- Technology Used: Flutter,Hive.

### •Portfolio

- I developed a modern and responsive portfolio website.
- Technology Used: HTML,CSS,JavaScript

## ACHIEVEMENTS

### •Top 5 at all kerala womens hackathon

January - July 2023

- One of my proudest achivements is participating in the All Kerala Women Hackathon organised by Tinkerhub and placing among the top five teams.
- During the competition,my team and I tackled a challenging problem and worked collaboratively to develop an innovative solution using our coding and problem solving skills.
- developed a emotion detector and sleep detector

### •PY-HACK HACKATHON

January - July 2023

- I am one of the participant in the PY-HACK hackathon conducted by IEEE GECI
- During the competition,my team and I tackled a challenging problem and worked collaboratively to develop an innovative solution using our coding and problem solving skills.
- developed a website for Tackling mental health crisis,post pandemic

### Python for Data Science NPTEL course

January - July 2023

- I am successfully completed the python for data science course from IIT Madras conducted by NPTEL

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, Python, HTML+CSS,JavaScript, Java

**Tools:** VScode, Github

**Relevant Coursework:** Data Structures & Algorithms, Machine Learning, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability,Leadership,Communication

## POSITIONS OF RESPONSIBILITY

### •Coordinator Vridhi Arts fest - GEC Idukki

May 2022

- Played a crucial part in conducting the short story writing competition of annual cultural fest of my college.
- Managed 30+ participants.