

DEVIKA C

<https://devikadevdas.tech/>

STUDENT IN INTERACTIVE TECHNOLOGIES

SUMMARY / OBJECTIVES / PROFILE

I am Devika C from Kerala. I am a highly motivated and ambitious individual, currently pursuing 2nd year of B. Tech at India's First Liberal Science University. Currently looking for an internship of 2-3 months. Enthusiast in software and hardware development with experience and interest in IOT, Web or Game Development.

COURSES AND PROJECTS

SENSORS AND ACTUATORS

Projects:

- People Counter: A prototype attached to the door that counts people in a room, using Arduino UNO and Ultrasonic sensors. The algorithm uses a sensor to detect changes in the distance when someone enters or leaves the room.
- Bat Vision Kinetic sculpture using UltraSonic sensors: A sculpture of a bat that uses a combination of 5 servo motors and 1 DC motor to move its wings and body away from obstacles, based on the proximity of objects in the surrounding environment, using an ultrasonic sensor.

GAME DEVELOPMENT WITH UNITY

Project:

- Developed a 3D car racing game for a Windows PC from scratch, with environments, multiple scenes, game, player, enemy and reward mechanics, score UI and sounds

WEB STACK INTRODUCTION

Project:

- Created a responsive portfolio website of a famous personality, Elon Musk, by using HTML, CSS and Javascript. And hosted the website using Firebase.
- Created a responsive Startup website by using HTML, CSS and Javascript. The name of the startup idea I created is Doctor at the doorstep the idea of offering convenient and affordable medical care to patients in the comfort of their own homes. And hosted in Firebase.

ENTERTAINMENT TECHNOLOGIES

Project

- I developed a website using Aframe and Model Viewer technologies to create a virtual reality experience. The site features 3D models and is designed to be interactive, allowing users to explore and engage with the virtual environment. Overall, the website provides a unique and immersive experience for users.

PERSONAL DETAILS

Address:

Sreelakshmi, palakkad, Kerala

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PROFESSIONAL SKILLS

Proficient with:

Arduino, HTML, CSS, JS, React.JS, API, Unity 2021.13.1, C#, R language, VR Web Development and Basic Programming

Soft Skills:

Charismatic and confident public speaker, team player, adaptability and enthusiastic

Hobbies:

Painting, photography, playing badminton, Music and Writing stories

LANGUAGES

English

Advanced: speaking, reading

Intermediate: writing

Malayalam

Native Language

Advanced: speaking, reading

Intermediate: writing

Hindi

Intermediate: speaking, reading

Basic: writing

Kannada

Basic: speaking, reading

Basic: writing

EXPERIENCE

Tif Labs Pvt Ltd (Bangalore)
(Interned as an React.JS developer
in Front-end)

REFERENCES

Sai Krishna Mulpuru
Program Director-
Interactive Technology & Design
Atria University
saimulpuru@atriauniversity.edu.in

Arun Raman
Associate Professor -
Digital Transformation,
Atria University
arunraman@atriauniversity.edu

DATA WRANGLING AND VISUALISATION

Project:

- Developed data visualization charts for agricultural data from Horticulture Statistics at a Glance 2018 using R programming language
- Visualize charts for Drug usage by age dataset from Kaggle. And identified interesting findings on drug usage among youngsters.

MACHINE LEARNING

Project:

- In the Machine Learning project, various machine learning algorithms were applied to the MNIST dataset, including Naive Bayes, decision trees, SVM, and kNN. In that project, we did image processing of handwritten digits.

EDUCATION

B.TECH, INTERACTIVE TECHNOLOGIES

Atria University — 2021-2025

Courses – Algorithms and Data Structures, Database Systems, Web Development, Machine learning, Data Structures

HIGHER SECONDARY

Sobha Icon, Kerala— 2020-2021

Subjects – Economics, Business Studies, Accountancy, Statistics, Languages