

# ANUJIKA SASINDI

Undergraduate

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Portfolio

## Profile

Motivated IT undergraduate with hands-on experience in front-end development, particularly using React JS, and technical proficiency in Tailwind CSS, Node.js, and various other tools and technologies. Passionate about AI, computer vision, and solving complex problems. I am eager to contribute to a team's success by leveraging my strong communication and collaboration skills.

## Education

### B.Sc. (Hons) in Computing and Information Systems

2022- present

Sabaragamuwa University of Sri Lanka

Current GPA - 3.527

### Human Resource Management (HRM) Diploma

2021 - 2022

IMBS Green Campus, Gampaha

GPA - 3.76

### G.C.E Advanced Level

2020

Sanghamiththa Girls' College, Galle

Common stream

## Projects

### RealTime Attendance System using Face Recognition Individual



- It is a cutting-edge attendance system using face recognition to revolutionize the way attendance is tracked.

Python OpenCV Face Recognition cmake

### HighWay Hub Group



- Developed a mobile application that serves as a virtual ticketing system for Sri Lankan highways. The app allows users to generate and scan QR codes for vehicle entry and exit, streamlining the toll payment process and reducing the need for physical tickets.

#### My contributions

- Designed the UI for the application.
- Developed the login, signup, and more screens with dynamic and user friendly interfaces.
- Developed the user journey status updating bar.
- Integrated strip payment to handle user payments.

React Nodejs MongoDB Stripe Figma

### Virtual Mouse Individual



- Created a this application to enable users to control their computer's cursor and perform click actions using hand gestures, leveraging computer vision techniques to provide a touchless, intuitive interface.

Python OpenCV MediaPipe Autopy

### Emotion Detector Individual



- Developed a real-time emotion detection system that analyzes facial expressions from live video feeds and classifies them into emotions such as happiness, sadness, surprise, anger, and neutral utilizing deep learning techniques for accurate classification.

Python OpenCV CNN

Hand Gesture-Controlled Volume Controller Individual



• This cutting-edge project uses real-time hand tracking and gesture recognition to adjust system volume effortlessly. By measuring the distance between the thumb and index finger, you can intuitively and contactlessly control the volume.

Python OpenCV MediaPipe

Pharma Medics online drug store UI/UX Design Group



• This is a UI design for an online OTC drug store, envisioned as an emerging platform in the healthcare and pharmaceutical industry. The design focuses on providing a seamless user experience, allowing customers to easily search and purchase medications online.

Figma

Achievements

<b>Pearlhack 2.0</b> Semi-Finals IEEE Women In Engineering (WIE) Affinity Group of Sabaragamuwa University of Sri Lanka	2024
<b>TechX Sri Lanka</b> Final 10 IEEE Computer Society Sri Lankan Chapter	2023
<b>Code Blast National Hackathon</b> Final 10 SLT Mobitel mspace	2023

Volunteering

<b>IEEE Student Branch of SUSL</b> Volunteer	2023 - present
<b>Society of Computer Sciences</b> Member	2022 - present

Tech-Skills

Python	MySQL
JavaScript	Git
HTML/CSS	Figma
ReactJS	MongoDB
React-Native	Trello
Node.js	

Soft-Skills

Communication	Decision Making
Adaptability	Organization
Problem Solving	Leadership
Teamwork	
Creativity	
Collaboration	

References

**Mrs. RMKK Wijerathna,**  
Lecturer (probationary),  
Department of Computing and Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka.  
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