



CONTACT



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TECHNICAL SKILLS

Programming Languages

- C
- Java
- Python

Web and Mobile App Development

- React
- Java Script
- Html
- CSS
- Flask
- Spring Boot
- React Native

Database

- MS SQL
- MySQL
- MongoDB

Other

- Figma
- Blender

SACHINI SAHASRA

UNDERGRADUATE

I am a dedicated and enthusiastic IT undergraduate student passionate about technology and problem-solving. With a collaborative and enthusiastic approach, I aim to leverage my technical expertise and knowledge to contribute innovative solutions in the IT industry.

EDUCATION

B.Sc.(Hons.) in Information Technology

University of Moratuwa (2022-Present)
Level 2 Semester 1 | SGPA:3.70

G.C.E Advanced Level Examination

Panadura Balika Maha Vidyalyaya (2020)
Z-score:1.65

G.C.E Ordinary Level Examination

Panadura Balika Maha Vidyalyaya (2016)
9 As

PROJECTS

Inventory Management System

A Full Stack Web application and Mobile Application for better management of Company resources. My contributions include:

- User Management Section: Implemented features for adding and verifying users, creating passwords, and managing user profiles with editable details.
- User Activity History Section: Developed a comprehensive history log to track and display user activities.
- Issue Ticket Section: Implemented features for users to report and manage issues related to inventory items, facilitating smooth issue resolution and tracking

Client:Rootcode Labs

Technologies used: React, React Native, Spring Boot, MySQL

GitHub Repositories Links: [Web Application\(Frontend\)](#)

[Web Application \(Backend\)](#)

[Mobile Application](#)

Travel Planning App (On going)

- A full-stack mobile application that provides users with an intuitive platform to simplify the process of organizing, booking, and managing travel plans.
- The app offers users a seamless experience for selecting destinations, inputting travel details, and creating customizable itineraries tailored to individual preferences.

Technologies used: Flutter, Spring Boot, MySQL

NON-TECHNICAL SKILLS

- Problem Solving
- Team work
- Communication

INTERESTED AREAS

- Web Development
- Mobile Development
- Augmented Reality (AR)
- UI/UX Design
- 3D Game Development
- Artificial Intelligence (AI)

LANGUAGES

- English
- Sinhala (Native)

REFERENCES

Ms. Sashika Kumarasinghe
Lecturer,
Faculty of Information
Technology,
University of Moratuwa.
sashikaj@uom.lk

Mr.Hasara Samson
Senior Software Engineer,
Rootcode Labs.
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Protfolio Website

Developed an online portfolio to showcase my work in software development and design with 3D animations and interactive components.

Technologies used: React,Bootstrap

URL:sachiniperera.vercel.app

GitHub Repository:Link

Advanced Bicycle Ride Tracking and Analysis System

A system designed for both professional cyclists and daily exercisers, enabling them to track and analyze crucial performance metrics during their cycling journeys. My contributions include:

- Programmed DHT22 Sensor to ESP32 for humidity data collection
- Programmed OLED Display
- Developed Web Platform Backend

Technologies used: AtMega32, C, Flask, Html, CSS, Firebase

GitHub Repository: Link

HACKATHONS

InspiHer-{Tech} V2.0 (2023)

Semi Finalist - Team VivlaLaCodes

Organized by SLTC

Code-Rush (2024)

Organized by University of Moratuwa

Devthon 1.0 (2024)

Organized by University of Moratuwa

Idealize (2023)

Organized by University of Moratuwa

Duothan 3.0 (2023)

Organized by NSBM Green University

IEEE Xtreme 16.0 Global Competitive Programming Hackathon

Organized by IEEE

EXTRA CURRICULAR ACTIVITIES

Organizing Committee| Publicity Team-IEEE Open Week 2023

Organizing Committee| Logistic Team - IEEE Open Week-2024

Organizing Committee| Logistic Team -IEEE IAS VR Cade 2023

Member| IEEE Student Branch | 2023 - present

Organizing Committee| Project Shilpasara - UOM Leo Club

Organizing Committee| Project TryLearnIt - UOM Leo Club

Member| Leo club of University of Moratuwa |2022-present

Member| IEEE WIE |2022-present