



CONTACT



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TECHNICAL SKILLS

Programming Languages

- C
- Java
- Python

Web and Mobile App Development

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

Database

- MS SQL
- MySQL

Other

- Figma
- Blender

SACHINI SAHASRA

UNDERGRADUATE, UNIVERSITY OF MORATUWA

I am a dedicated and enthusiastic IT undergraduate passionate about leveraging technology and problem-solving to create impactful solutions. My academic background has provided a strong foundation in full-stack development, with expertise in Java, JavaScript, React, HTML and CSS. I am also familiar with tools such as JIRA and Confluence, which are essential for Agile Scrum development.

Currently, I am engaged in projects that encompass both backend and frontend development, further enhancing my technical skills and problem-solving abilities. I approach challenges with a collaborative and enthusiastic mindset, aiming to contribute innovative solutions to the IT industry.

EDUCATION

B.Sc.(Hons.) in Information Technology

University of Moratuwa (2022 - Present)

CGPA: **3.2** out of **4** (Up to semester 4)

SGPA : **3.7** | Level 2 Semester 1

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)

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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](#)

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

Pet Care App (On going)

- A Full Stack Web Application designed for pet owners to easily manage their pet's needs from home.
- The app allows users to book services like daycare, boarding, and dog walking, while also offering expert advice on pet care..

Technologies used: React, Spring Boot , MySQL

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

- **Devthon 1.0 (2024)** by University of Moratuwa | Inter University Designathon
Semi Finalist – Team VivaLaCodes
- **HackElite 1.0 (2024)** by University of Moratuwa | Inter University Ideathon
Semi Finalist – Team VivaLaCodes
- **InspiHer-{Tech} V2.0 (2023)** by SLTC Research University | Programming Hackathon
Semi Finalist – Team VivaLaCodes
- **FestX 5.0 (2024)** by University of Moratuwa | Inter University Designathon
- **HackMoral 6.0 (2024)** by University of Moratuwa | Programming Hackathon
- **Code-Rush (2024)** by University of Moratuwa | Programming Hackathon
- **Idealize (2023)** by University of Moratuwa | Inter University Designathon
- **Duothan 3.0 (2023)** by NSBM Green University | Inter University Buildathon
- **IEEE Xtreme 16.0** by IEEE | Global Competitive Programming Hackathon

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