

ISURU AMARASENA

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[GitHub](#)

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Computer engineering student passionate about learning and applying technology to solve real-world problems. Experienced in developing websites and building software, now eager to expand my knowledge in mobile application development. Committed to contributing to impactful projects while continuing to grow professionally.

EDUCATION

2022 - Present

B.Sc. in Computer Engineering

University of Ruhuna, Faculty of Engineering

2020

GCE A/L - Physical Science Stream

- Z - Score - 2.0327
- Combined Mathematics - A
- Physics - B
- Chemistry - A

SOFT SKILLS

- Good oral and written communication skills.
- Strong leadership skills.
- Good decision-making skills.
- Excellent teamwork.
- Ability to learn and adapt in challenging environments

FAMILIAR TECHNOLOGIES

- **Programming Languages:** Java, JavaScript, C++, C#, Dart
- **Web Technologies:** HTML, CSS, React, Node.js, Next.js, Express
- **Mobile Technologies:** Flutter
- **Databases:** MongoDB, Firebase, MySQL, SQLite, PostgreSQL
- **Other:** .NET, Web Sockets

PROJECTS

Trackly - Bus Tracking App (Personal)

Flutter (mobile app) | React (web app) | Firebase

A mobile and web application that tracks public buses in real time uses GPS data, estimated schedules, and live traffic updates. The app improves public transport accessibility and provides a seamless commuting experience.

Sri Fitness - Gym Management System (Group) (ongoing)

Flutter (mobile app) | Next.js (web app) | Firebase | Socket.io

A web and mobile app designed to streamline gym operations, featuring workout plan creation, indoor facility booking, and a marketplace for fitness products. The project aims to enhance user experience and simplify management for gym administrators.

Student and Module Management System (Group)

C# | WPF | SQLite

A desktop application for managing student records and module enrollments,

Financial Management System (Group)

React | MongoDB | Node.js

A web application for managing financial transactions, budgets, and expenses. It gives users detailed insights through intuitive dashboards and reports, helping them track and optimize their finances.

Multiplayer Shooting Game (Group) (ongoing)

Three.js | Java Sockets

A real-time multiplayer shooting game with immersive 3D environments and smooth gameplay. Designed for local network play using a mobile hotspot, ensuring low-latency communication between players.

Inventory Management System (Group)

C++

A command-line application for tracking inventory and estimating future needs. Helps manage stock efficiently by analyzing usage patterns and predicting restocking requirements.

COMPETITIONS

- Eminence 4.0 Inter-University Competition - Best Innovation
- IEEEExtreme 17.0 Programming Competition - Participated
- Innovate with Ballerina Coding Challenge 2024 - Participated

CERTIFICATIONS

- **Introduction to Front-End Development** offered by Meta
- **Introduction to Back-End Development** offered by Meta
- **Programming in Python** offered by Meta
- **Programming with Java Script** offered by Meta
- **HTML and CSS in-depth** offered by Meta
- **Supervised Machine Learning: Regression and Classification** offered by DeepLearning.AI
- **Advanced learning Algorithms** offered by DeepLearning.AI

ACTIVITIES

- Member of the International Chess Federation (FIDE)
- Swimming

REFERENCE

Dr. Kushan Sudheera

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