Umindu Isith

INFORMATION TECHNOLOGY UNDERGRADUATE

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Profile

Information Technology undergraduate at SLIIT with a focus on building purposeful, user-centered digital products. I work across the full stack to transform ideas into practical software solutions, leveraging modern technologies and AI tools to improve efficiency and real-world impact. Passionate about creating software that feels simple, intuitive, and meaningful.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, C++, Java, Python, SQL, C#
Frontend: React, Tailwind CSS, Bootstrap
Backend & Frameworks: Node.js, Express.js, PHP, .NET (Basics)
Databases & Backend Services (BaaS): MongoDB, MySQL, Firebase, Appwrite
Tools & Workflow: Git, Vite, Postman, Expo
Design & Prototyping: Figma

Professional Skills

Methodologies & Product: Agile Development, Scrum, Design Thinking, Product-Centered Mindset, Business Awareness
Collaboration & Leadership: Cross-Functional Teamwork, Pair Programming, Leadership
Documentation & Analysis: Technical Writing, Requirement Analysis, Data-Driven Insights

Projects

WSPR – Anonymous Chat Platform

A browser-based chat system designed to give every student or friend group a voice. Inspired by classroom silence when speaking up is hard, I built a lightweight platform that works instantly—no apps, no accounts, no pressure. Real-world problem solved: enabling safe, confident, real-time communication. Features include anonymous chat, room code sharing, auto-clearing messages, and room capacity control.

Technologies: MERN Stack, TypeScript, AI-assisted design

Live demo: https://wspr-chat-platform.vercel.app

Ulora – Vintage Audio E-Commerce Platform

A full-stack production-ready platform for renting and selling vintage audio equipment. Ulora solves a real-world challenge: giving enthusiasts easy access to rare audio gear while providing secure inventory management for sellers. Built with multi-strategy authentication (OTP + Google OAuth) and a protected Admin Dashboard to manage orders, visualize revenue, and update inventory in real-time. Deployed on Vercel (Frontend) and Render (Backend) for seamless access.

Technologies: MERN Stack (MongoDB, Express, React, Node.js), Redux Toolkit, Google OAuth

Live Demo: https://audio-frontend-puce.vercel.app

<u>CropWise – Smart Agriculture Platform</u>

A full-stack platform designed to help Sri Lankan rice farmers digitize operations, optimize resources, and boost productivity. Developed as a team project, I led **Inventory & Resource Management**, while teammates handled other modules. CropWise features automated PDF reporting, AI-driven insights for better decision-making, real-time notifications, and a live AI chatbot for instant support. This project demonstrates solving real-world agricultural challenges with technology.

Technologies: MERN Stack (MongoDB, Express, React, Node.js), AI-assisted analytics

Live Demo: https://cropwise.kgkpr.online

Education

BSc (Hons) in Information Technology   **2023 – Present**
Sri Lanka Institute of Information Technology (SLIIT), Malabe

G.C.E. A/L (Commerce)   **2019 – 2022**
Taxila Central College, Horana
ICT: B | Econ: B | Accounting: C

References

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