



ISURU JAYANADA

ICT Undergraduate



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EDUCATION

G.C.E.Advance Level

Govt.Science college
matale
2018-2021

BT information and communication technology

Kotelelawala Defence
University
(2023-Present)

TECHNICAL SKILLS

- Programming: Python, Dart (Flutter), Java, HTML/CSS, JavaScript
- Mobile App Development: Flutter, Firebase
- Web Development: React, PHP, MySQL
- UX/UI Design: Figma, Adobe XD

SOFT SKILLS

- Management Skills
- Problem-Solving
- Teamwork Collaboration
- Critical Thinking
- Communication Skills
- Time Management
- Negotiation

PROFILE

Motivated and detail-oriented ICT undergraduate with a strong foundation in software development, mobile application development, user experience (UX) design, and networking. Proficient in Flutter, Firebase, Python, and web development, with practical experience in building mobile applications, managing databases, and understanding network configurations and protocols. Passionate about research in cloud computing and its impact on collaborative learning. Eager to apply technical expertise, problem-solving abilities, and a collaborative mindset to contribute effectively in the field of Information and Communication Technology.

PROJECTS

Flappy bird clone

Developed a 2D Flappy Bird game using Python and Pygame, implementing gravity, collision detection, and score tracking. Designed interactive gameplay with smooth animations and event handling to enhance user experience.

Tea Sampling Mobile Application

Developed a mobile application for tea sampling using Flutter and Firebase, integrating user authentication, product catalog, and feedback submission features. Enhanced the user experience with a smooth UI, real-time database updates, and secure data storage. This app helps tea producers and consumers by providing a digital platform for sampling and reviewing tea products. It enables users to explore different tea varieties, share feedback, and make informed purchasing decisions, promoting the tea industry's growth and improving customer satisfaction.

Skin Disease Detection Mobile Application – Flutter & ML

Currently developing a mobile application that utilizes machine learning to detect skin diseases from uploaded images. The app aims to provide preliminary diagnoses and guide users toward seeking professional medical advice. Features include AI-based image analysis, a user-friendly interface, and secure data handling.

TAX calculator

I developed and deployed the web application calculators-peach.vercel.app on Vercel, utilizing modern JavaScript frameworks like React, Next.js, Vue.js, or Angular. I focused on building responsive, user-friendly interfaces, ensuring fast performance and seamless user experiences across devices. Leveraging Vercel's capabilities, I optimized the site for quick loading and scalability, enhancing user interaction and engagement.

TECH STACK

- Visual Studio
- Android Studio
- Google Colab
- Firebase
- AdobeXD,PS,Premire Pro
- Figma
- HTML.CSS,JS

Weather Web Application

Developed a modern, responsive weather web application using React, Tailwind CSS, and the OpenWeatherMap API to deliver real-time weather updates. The app enables users to search weather by city name or retrieve data based on their current geolocation. Key features include temperature, weather conditions, humidity, wind speed, and local time display, along with a dark/light mode toggle. Implemented responsive design for seamless experience across mobile and desktop devices, integrated robust loading states and error handling, and used Axios for efficient API communication. This project demonstrates strong skills in frontend development, API integration, and user-centric UI design.

Personal Portfolio Website

Designed and developed a professional personal portfolio website (isurujayanada.me) to establish my digital presence and showcase expertise in full-stack development, mobile applications, and UI/UX design. Built using modern technologies like React, JavaScript, and Vercel, the site features a clean, responsive interface optimized for performance and accessibility. It serves as a central hub for my projects, technical skills, and academic journey, reflecting a strong commitment to innovation and high-quality development standards.

REFERENCES

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