

DANIDU KAVISHAN

UNDERGRADUATE IN COMPUTER SCIENCE

CONTACT DETAILS

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SKILLS AND EXPERTISE

- Web Development
 - HTML, PHP, Javascript, ASP.net, EF core, Tailwind
- Windows Application Development
 - C#, Java, Python, SQL
- Game Development
 - Unreal Engine, Unity
- Mobile Application Development
 - React Native, Nativewind, Typescript, Flutter, NoSQL
- Good communication
- Problem Solving
- Teamwork

EDUCATION

Undergraduate in Computer Science

NSBM Green University | 2023 – 2026

Advance level in Physical Science

Mahinda Rajapaksha Collage Homagama
2022

LANGUAGES

- English
- Sinhala

PERSONAL PROFILE

BSc (Hons) Computer Science student (Expected 2027) with hands on experience in developing web, mobile and Windows applications using technologies such as HTML, JavaScript, CSS, PHP, React Native, Firebase, and Flutter. Additional skills Includes game development with Unity and Unreal Engine. Fast learner with a strong passion for Computer Science. I am eager to apply my skills in an internship or entry level role to gain practical experience and contribute to innovative projects.

EXPERIENCE

Voice control Application

Developed a Python based desktop application that recognizes voice commands and emulates keyboard actions to control media playback

- Integrated OpenAI Whisper for accurate speech to text transcription and Silero VAD for real time voice activity detection.
- Built a multithreaded architecture to handle live audio input, transcription and command processing simultaneously.

Service Advertising Mobile App

Developed a cross platform mobile application using Flutter to connect customers with local service providers.

- Implemented Firebase backend that connects customers with local service providers enabling users to search, chat, bookmark and rate services.

Web Application Development

- Contributed to creating an air quality monitoring website using ASP.NET featuring an interactive map to display real time air quality measurements across the Colombo district.
- Contributed to building a service advertising website named Apiwada using HTML, PHP, and JavaScript, allowing users to promote and browse various local services.

IOT PROJECT

- Contributed to an IoT system to measure Nitrogen, Phosphorus, Potassium (NPK), and pH levels for crops such as paddy and tomato, enabling precise fertilizer recommendations.
- Implemented a Flutter based mobile application to display real time sensor data and visualize the recommended fertilizer values.

Windows Application Development

- Contributed to creating a Hospital Management System Using c# Winforms technology.
- Contributed to creating a Pharmecy Management System Using c# Winforms technology.