

# DANUK BIYANWILA

## Information Technology Undergraduate

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<https://danukbiyanwila.github.io/Portfolio/>



## SUMMARY

I am a 3rd-year Information Technology undergraduate at SLIIT, real-world challenges. My strong foundation in software engineering principles is complemented by my skills in web and mobile app development. I am proficient in Java, JavaScript, JavaScript libraries such as React, and Java-based frameworks such as Spring Boot. I am an independent problem solver who stays current with technology and have a strong ability to collaborate effectively in team environments.

## EDUCATION

### BSc (Hons) in Information Technology Specialising in Information Technology

#### Sri Lanka Institute of Information Technology

2022 - Present Malabe

### GCE A/L (Advanced Level)

#### Bandaranayake College Gampaha









2018 - 2021

### GCE O/L (Ordinary Level)

#### Bandaranayake College Gampaha

2012 - 2018

## STRENGTHS

 <b>Organizational Skills</b> Organizational Skills	 <b>Communication Skills</b> Communication Skills
 <b>Collaboration Skills</b> Collaboration Skills	 <b>Time Management Skills</b> Time Management Skills
 <b>Problem Solving Skills</b> Problem Solving Skills	 <b>Leadership Skills</b> Leadership Skills
 <b>Art Skills</b> Art Skills	 <b>Critical Thinking</b> Critical Thinking

## SKILLS

Java	C/C++	Kotlin	PHP	HTML5	CSS	JavaScript	React JS	Spring Boot(JAVA)	Angular
Express JS	Node JS	MySQL	mongo DB	Figma	Git/GitHub	Windows	Linux		

## CERTIFICATION

### Productivity with Generative AI

Sissued by Microsoft

### Java Explorer

Sissued by Oracle University

### Career Essentials in Software Developer

Sissued by Microsoft

### Programming in Python

issued by University Of Moratuwa

# PROJECTS

## Tourlink - Tourism Management Web Application

📅 2024 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/TourLink-SpringBoot-Project>

Collaborated with a team to develop a web application for tourism management, featuring a freelance work model for tour guides and drivers. Utilized Spring Boot (Java) for the backend, MySQL for the database, and Angular for the frontend. Implemented advanced security features using Spring Framework's web configurations and security protocols to ensure data integrity and user protection.

(2nd-Year Group Project )

- **Technologies:** Spring Boot-JAVA, Angular, MySQL

## Real Estate Agency Web Application

📅 2024 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/Real-Estate-Agency-Web-Application-MERN-stack>

Developed a real estate agency web application using the MERN stack (MongoDB, Express.js, React, Node.js). The project includes features such as a real-time chatting system and user authentication to enhance user engagement and security.

- **Technologies:** MongoDB, Express JS, React JS, Node JS

## Tailwaggers - Pet care System

📅 2023 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/TailWaggers-Pet-Care-System>

Developed a comprehensive Pet information website titled 'Tailwaggers' using HTML, CSS, and JavaScript for the frontend, with PHP and MySQL for the backend. The site features detailed content on Dogs, Cats, Fishes, and Products. Incorporated a contact form and a feedback form to demonstrate all DML operations in PHP, enhancing user interaction and data management.

- **Technologies:** HTML, CSS, Java Script, PHP, MySQL

## TrafficRacing2 - Android Mobile game

📅 2024 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/TrafficRacing2---Android-Mobile-game>

Developed an engaging Android game called "TrafficRacing2" using Android Studio and Kotlin. The game features intuitive touch controls, multiple difficulty levels, and dynamic sound effects for an immersive experience. High scores are tracked and stored using SharedPreferences.

- **Technologies:** Kotlin, Android Studio

## TODO APP - Android Task Management Application

📅 2024 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/TODO-APP---Android-Task-Management-Application>

Developed a "Notes" Android mobile app for CRUD operations using Kotlin and Android Studio. Implemented Kotlin coroutines for efficient asynchronous operations, following the MVVM architecture for a clean and maintainable codebase. Utilized Room database for local data storage and management.

- **Technologies:** Kotlin, Android Studio

## WalletWise - Android Task Management Application

📅 2024 📍 Malabe  
🔗 <https://github.com/DanukBiyawila/WalletWise---Android-Task-Management-Application>

WalletWise is a user-friendly financial management app designed to help users track their expenses, manage their budgets, and make informed financial decisions. The app provides a comprehensive suite of tools for personal finance management, including expense tracking, budget planning, and financial insights.

- **Technologies:** Kotlin, Android Studio

# LANGUAGES

**Sinhala**  
Native



**English**  
Advanced



# REFERENCES

### DR. kalpani manathunga

Head, Department of Software Engineering,  
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### Dr. Samantha Rajapaksha

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