

THANUJA WEERASEKARA

Undergraduate

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ABOUT ME

- Innovative and communicative IT enthusiast with a passion for designing apps, websites, QA/BA and digital marketing. Known for my creative mindset and out-of-the-box thinking and easy going persona, I bring a unique perspective, team spirit to each work blending technical and design skills for impactful results.

HANDS ON EXPERIENCE

• Mobile Application Design & Development

Developed a user-friendly To-Do **mobile app** as part of a university project, combining design and development skills. Used **Figma** to create an intuitive, responsive **UI/UX**, and implemented the app in Java and **Kotlin**. Key features included task creation, editing, deletion, stopwatch functionality, and notifications. Demonstrated strong design thinking and the ability to build clean, functional mobile applications.

• Scholar Vista – An AI Driven Research Publication App

Developed a **full-stack** research publication management web application using **React** (frontend), **FastAPI with Python** (backend), and **MySQL** (database). Implemented automatic data extraction, **integrated an AI model for research categorization**, and used **Swagger UI** for **API** testing. Managed **version control** with **Git** throughout the project. Demonstrates strong skills in modern web development, API design, and intelligent data processing.

• Dhaniya Flora – Inventory System

Built an admin-based **web application** for Dhaniya Flora Kandy to manage daily store operations using the **MERN stack** (MongoDB, Express, React, Node.js) with **Vite** for optimized performance. Key features include inventory tracking, order handling, and store management. Utilized **Postman** for backend API testing. This project showcases my ability to deliver practical, full-stack solutions aligned with real business requirements.

• Real-Time Chat Web Application

Developed a real-time chat app using **Spring Boot** (Java) for the backend and HTML, CSS, and JavaScript for the frontend. Implemented **WebSocket**-based real-time messaging and designed a clean, responsive UI. This project demonstrates my understanding of event-driven architecture, real-time communication, and full-stack development using Java technologies.

EDUCATION

• SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY (SLIIT)

2022 – Present

Undergraduate at BSC (Hons) Information & Technology

• KINGSWOOD COLLEGE KANDY

2008 – 2022

Completed school-level education passed the G.C.E. **Ordinary Level** Exam (5A's including English, Tamil) and the G.C.E. **Advanced Level** Exam with 3C's

SKILLS

PROGRAMMING SKILLS

- Web Development : HTML, CSS, JavaScript, React, Express, Node, Vite, Tailwind
- Programming Languages : C,C++,JAVA,PYTHON
- Database Systems : MYSQL, MongoDB
- Mobile Application Development : Kotlin

SOFTWARES

- Eclipse IDE, Android Studio, VS Code, Python IDE, Pycharm, Webstrom, IntelliJ
- GIT, VMware, Windows SQL Server,
- Azure Devops, Postman, Figma

THEORITICAL KNOWLEDGE

- OOP | SDLC | DSA
- UI/UX Designing
- Project Management Methodologies
- Network Design Management
- QA
- Mobile Application development

ACHIVEMENTS

• Certificate in Introduction to Artificial Intelligence

Linkedin

• Certificate in Python for beginners

University of Moratuwa

• Certificate in Introduction to Career Skills in Software Development

Linkedin

• Certificate in Programming Fundamentals

Linkedin

SPORTS & EXTRA-CURRICULER ACTIVITIES

- boxing
- Swimming
- Brazilian Jiu Jitsu
- Member of College Prefect Court (2021)

REFERENCES

• Mr.Upali Chandrakumara

Provincial Director of education
Phone number : +94 71 859 3919

• M.R.C Koswatte Lecture (SLIIT)

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I hereby declare the above-mentioned information is correct up to my knowledge, and I bear the responsibility for the correctness of the above-mentioned.

Thanuja Weerasekara

25th Jan 2025