



# THAMEESHI SENADHEERA

## SOFTWARE ENGINEER INTERN

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🐙 Thameeshi/Github

## ABOUT ME

Undergraduate student in Information Technology at the University of Moratuwa with hands-on experience in full-stack development and a strong understanding of modern web and mobile technologies. Proficient in React, Node.js, SQLite, and Firebase, with a proven ability to deliver practical, user-focused solutions. Academic and project work reflects a focus on usability, performance, and scalable architecture. Currently seeking an internship opportunity to apply technical expertise in a real-world setting while gaining exposure to industry practices.

## EDUCATION

### B.Sc. (Hons) in Information Technology & Management

2023 - Expected 2027

University of Moratuwa

### G.C.E Advanced Level

2021

Sivali Central College - Rathnapura

Z-Score : 1.9047 (District Rank 91)

Results : AAB

## PROJECTS

### Courtify - Blockchain Based Decentralised Court Booking web app

2025

Second Year Software Project (Group Project)

Built a decentralized sports court booking platform with React, smart contracts (HotPocket/XRPL), and NFT-based booking receipts, handling scheduling, availability, and user bookings; mentored by Geveo Australasia (Pvt) Ltd.

Tech Stack: React, Tailwind CSS, Node.js, Express.js, SQLite, HotPocket, XRPL, Web3

Role: Full-Stack Developer

Github : [LINK](#)

### Wise Water Companion

2024

Frist Year Hardware Project

Designed and developed a smart water management system to efficiently monitor and manage water usage. The system features real-time tracking of water flow, temperature, turbidity, and tank levels, helping ensure water quality and reduce waste through remote monitoring and timely alerts.

Tech Stack: ESP32, C++, Firebase Realtime Database, Ultrasonic Sensor, Flow Sensor, Turbidity Sensor, DS18B20 Temperature Sensor, Arduino IDE.

Github : [LINK](#)

### Medicare Plus – Healthcare Management System

2024

A modern single-page application (SPA) built with Laravel to streamline healthcare record management. The system features secure user authentication, role-based access control, and a responsive, intuitive interface for managing patient data, appointments, and medical history efficiently. Designed with scalability and user experience in mind, Medicare Plus enhances operational efficiency in healthcare environments.

Tech Stack: Laravel, PHP, MySQL, RESTful APIs, Tailwind CSS

Github : [LINK](#)

### Business Directory Mobile App

ongoing

A simple mobile app designed to help users discover and connect with local businesses. Features include business search and profile views with contact details, location, and services, improving visibility for businesses and accessibility for customers.

Tech Stack : React Native, Expo, React Navigation.

Github : [LINK](#)

Designed and developed a cloud cost optimization platform that analyzes billing data, detects underutilized resources, and provides AI-powered cost-saving recommendations. The system features an interactive dashboard and detailed reports with real-time cost analysis results and AI-driven optimization insights.

Role : Full-Stack Developer

Tech stack : Ballerina, HTML5, CSS3, JavaScript, Chart.js, Google OAuth integration.

Github : [LINK](#)

TECHNICAL SKILL

**Frontend:** HTML, CSS, JavaScript, React, React Native, Tailwind CSS, Figma

**Backend:** Node.js, Express.js, PHP, Laravel

**Tools & Platforms:** Git, GitHub, Docker, VS Code, Expo

**Databases:** Firebase, SQLite, MySQL

**Programming Languages:** Python, C, Java

**3D Modelling:** Blender

**Other:** RESTful APIs, Role-Based Access Control (RBAC), OAuth, Smart Contracts (NFT), Blockchain (XRPL, Ethereum)

CERTIFICATIONS

- AWS Cloud Practitioner Essentials
- AWS Learner Guide Training: Cloud Basics & Core Services (2024)
- Python for Beginners: (CODL) University of Moratuwa
- Web Design for Beginners: (CODL) University of Moratuwa
- Element of AI: University of Helsinki

SOFT SKILLS

- |                        |                           |
|------------------------|---------------------------|
| • Software Development | • Creativity              |
| • Problem Solving      | • Effective Communication |
| • TeamWork             | • Analytical thinking     |

EXTRACURRICULAR ACTIVITIES

**Flyer Designer: NutureNook 2.0**

2025

IEEE Women in Engineering Student Branch, University of Moratuwa

Created engaging and theme-aligned flyer designs for a wellness-focused initiative empowering women in tech.

LANGUAGE PROFICIENCY

Sinhala - Native

English - Fluent

REFERENCES

**Dr.R.L.C.Shyama**

Senior Lecturer

Department of Interdisciplinary Studies

Faculty of IT

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