

THUVERAKAN THARUMAKULASOORIYAN

Software Engineering Intern

Aspiring Software Engineer passionate about creating efficient, user-centric web and mobile applications. Skilled in full-stack development with MERN and Next.js, and experienced in building mobile apps using Java/Kotlin. Known for quick adaptability, strong problem-solving abilities, and eagerness to take on real-world challenges through clean, scalable solutions.

Educational Background

SLIIT (SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY) Malabe, SRI LANKA

BSC (HONS) IN INFORMATION TECHNOLOGY SPECIALIZING IN
SOFTWARE ENGINEERING

March 2023 – Present

CGPA - 3.37

Kilinochchi Maha Vidyalyaya

A/L - PHYSICAL SCIENCE STREAM
2CS

Projects

Polymart - E-Commerce & Plastics Management System

Feb 2025 - May 2025

Tech Stack: MongoDB, Stripe, React.js, Node, Docker



- Built a full-stack e-commerce platform promoting eco-friendly practices (plastic recycling).
- Implemented role-based authentication, reducing unauthorized access by 100%.
- Managed 50+ products and orders via a custom admin dashboard, with secure payments through Stripe and automated PDF invoice generation.

MovieVerse – Movie Rating and Review System

Feb 2025 - Mar 2025

Tech Stack: Next.js, REST API (TMDb)



- Built a full-stack Next.js app using TMDb API for dynamic movie data, with search, ratings, and reviews.
- Created a responsive UI with Tailwind CSS, light/dark mode, user authentication, and favorites.
- Integrated YouTube trailers in movie details to boost user engagement.

Online University Help Desk (SLKU) – Web Application

Apr 2024 – Jul 2024

Tech Stack: PHP, HTML, CSS, JavaScript, MySQL



- Built full-featured support system for Sri Lanka Knowledge University with user authentication and ticket-based query handling.

Contact



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Skills

Technical Skills

- Agile/Scrum Methodology
- RESTful API Development
- Object-Oriented Programming (OOP)
- MVC Architecture
- Android Development (Java, Kotlin)
- UI/UX

Tools and Technologies

- NEXT JS
- Tailwind CSS
- Java
- C,C++,C#
- Kotlin
- Java Script
- Git/GitHub
- MySQL, SQL, JQuery
- MERN Stack
- Responsive Web
- Docker
- AWS

Languages

- English (Fluent)
- Tamil (Fluent)

Certification/Short Courses

- User Experience Accenture-
FutureLearn
- Fundamental C# with
Microsoft – **freecodecamp**
- UI/UX – Great Learning
- Future Leaders Conference
Sri Lanka Unites 2018,
- Full Stack Development -
**CODL University Of
Moratuwa**

CancerVision – Clinical Image Review & Prediction System

Mar 2025 – Ongoing

Tech Stack: Next.js, Tailwind CSS , MongoDB , Fully Mobile Responsive



- Built web platform for uploading, reviewing, and analyzing cancer-related images with collaborative radiologist reviews.
- Integrated image prediction using pre-trained models or external AI services; implemented admin authentication (MongoDB) and Base64 image storage with a scalable UI in Next.js and Tailwind CSS.

ArogyaCare - Hospital Management System

Apr 2024 – Jul 2024

Tech Stack: Java , Server pages , CSS , MySQL Server



- Built Arogya Care HMS with Java, JSP, MySQL, and Tomcat featuring patient and appointment management using DAO architecture.
- Designed a responsive UI with CSS for smooth hospital operations and secure data handling.

MyRupees – Personal Finance Tracker Android App

Apr 2024 - Jun 2024

Tech Stack: Kotlin, Firebase, SQLite, SharedPreferences



- Built a finance app with multi-user login, budget alerts, recurring payments, and category-wise expense tracking.
- Integrated Firebase Authentication, cloud sync, local SQLite storage, CSV export, and real-time notifications in a mobile-first UI.

Additional Skills

- Problem-Solving
- Communication
- Leadership
- Quality Assurance
- Project Management
- Continuous Learning

References

Ms. K. G. M. Lakmali

Senior Lecturer

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Mr. S.M.B. Harshanath

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