

Chamod Tharusha Alwis

Full-Stack Developer | Software Engineering Intern | Data Science Student

✉ chamodtharusha13@gmail.com 📞 0772600303 📍 Kandy, Sri Lanka 🌐 [linkedin.com/in/chamod-alwis](https://www.linkedin.com/in/chamod-alwis)
📄 github.com/Chamod-Tharusha-Alwis

SUMMARY

Results-driven Software Engineering Intern and Full-Stack Developer with a Higher Diploma in Computing and Software Engineering, currently pursuing a BSc (Hons) in Data Science. Proficient in end-to-end MERN stack development with hands-on experience building and deploying scalable web applications. Seeking a Junior Software Engineer or Data Scientist role to drive innovation within a dynamic team.

PROFESSIONAL EXPERIENCE

Software Engineering Intern

01/2026 – Present

SHIELD TECHNOLOGIES (PRIVATE)LIMITED *📍*

- Contributed to the research, prototyping, and development of full-stack web application features using the MERN stack within an Agile R&D environment.
- Collaborated with senior engineers to design RESTful APIs, optimize database queries, and transition experimental concepts into maintainable, production-ready code.

EDUCATION

BSc (Hons) in Data Science (Top-Up)

2026 – Present

ESU Kandy Campus — London Metropolitan University (UK)

Diploma in Full Stack Development

2025 – 2026

Nextgen campus

Higher Diploma in Computing and Software Engineering

2023 – 2025

ICBT Kandy Campus — Cardiff Metropolitan University (UK)

SKILLS

Programming Languages

C++, Java, C#, JavaScript (ES6+), PHP, Python

Frontend Technologies

React.js, HTML5, CSS3, Tailwind CSS

Backend Technologies

Node.js, Express.js, RESTful API Design

Databases

MongoDB, MySQL, Firebase

Tools & Concepts

OOP, SDLC, Git & Version Control, Agile Methodology

PROJECTS

Ceylon Traveler

Travel & Accommodation Booking Platform

Technologies: React.js, Node.js, Express.js, MongoDB

- Engineered** a RESTful API with Node.js and Express.js to handle real-time booking logic, availability checking, and a JWT-based authentication system for secure user management.
- Architected** a scalable MongoDB schema and built a responsive React.js frontend for hotel, taxi, and guide booking.

Ayu Arana Care

Elders' Care Home Management System

Technologies: React.js, Node.js, Express.js, MongoDB, Tailwind CSS

- Built** a secure RESTful API with RBAC using bcrypt, managing resident medical records, membership tiers, and payments.
- Designed** a responsive React.js and Tailwind CSS frontend for real-time medical tracking and resident checkup requests.