


Kavindu Lakshan

Computer Science Undergraduate

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About me

I am a passionate and motivated Computer Science student at the University of Colombo School of Computing, aspiring to become a skilled software engineer. I enjoy turning ideas into real-world solutions and continuously learning new technologies to expand my capabilities. During my time at university, I have studied a wide range of topics related to software engineering, including programming, databases, operating systems, web and mobile application development, and software architecture. My goal is to become a versatile developer who can contribute meaningfully across the entire software development life cycle.

Projects

📌 FoodWagon | Online Food Ordering System (Jun 2024 – Sep 2024)

Full-stack Developer

React.js, Node.js, Express.js, MongoDB

First-year group project:

- Implemented the user and admin frontend web app using React.
- Implemented the backend using Node.js and Express.
- Connected the backend with a MongoDB Atlas database.
- Implemented features allowing users to view food details, add items to their cart, and manage their profiles, while enabling chefs to add new food items.

GitHub repository - <https://github.com/Lakshan102/mern-stack-group-project.git>

📌 ReMed | Online Pharmacy Locator and Medicine Tracker. (Jun 2024 – Feb 2025)

Full-stack Developer

PHP, MySQL, JavaScript, CSS

Second-year group project:

- Implemented the admin frontend using PHP and CSS.
- Implemented the backend using PHP (did not use a framework).
- Connected the backend with MySQL database.
- Developed core functionalities including pharmacy registration, profile management (view, update, delete), and a password reset feature via email.

GitHub repository: <https://github.com/ReMed-ucsc/>

📌 LinkTalk | Real-time chat app. (Jul 2025 – Aug 2025)

Full-stack Developer

Flutter | Firebase

Mobile Chat Application: realtime chat app

- Implemented the frontend using Dart.
- Implemented the backend using Dart with Firebase Cloud Functions
- Integrated Firebase services into the app
- Built key features such as user authentication (login/signup), initiating chats with QR codes, real-time messaging, and profile management.

GitHub repository: <https://github.com/PramodiPeshila/realTimeChatApp>

Projects (continued)

LittleSteps | Daycare Management System.

(Jun 2025 – Present)

Full-stack Developer

React.js, React Native, Node.js, Express, PostgreSQL

Third-year group project:

- Developed both mobile and web applications.
- Implemented the frontend for both mobile and web applications using React and React Native.
- Implemented the backend using Node.js and Express.
- Used PostgreSQL and Firebase for the backend. Deployed the PostgreSQL backend on DigitalOcean.
- Worked as the project manager.

GitHub repository: <https://github.com/LittleSteps2025/>

Education

University of Colombo School of Computing (UCSC), Colombo, Sri Lanka.

Bachelor of Science in Computer Science

Expected Graduation: December 2026

Current GPA: 3.1 / 4.0

Vijayaba National School, Hungama, Ambalantota — 2021.

G.C.E. Advanced Level | Physics Stream | Z-Score: 1.7

Combined Mathematics (B), Physics (B), Chemistry (A)

Skills

Programming	JavaScript, TypeScript, Java, PHP, SQL, HTML, CSS, Tailwind CSS
Tools	Kafka, PostgreSQL, MongoDB, MySQL, Git, Docker, Postman
Frameworks/Libraries	React, Node.js, Express, Spring Boot, React Native, Next.js, Flutter

Volunteer Experience

Trainee Member — People's Bank, Angunukolapellessa

Logistics Team Lead — IntelliHack 5.0, IEEE Student Branch, UCSC

Member — ReidXtreme 3.0, IEEE and ACM Student Chapters, UCSC

Member — MadHack 3.0, IEEE Student Branch, UCSC

References

Dr. Chaminda Ranasinghe

Senior Lecturer

University of Colombo School of Computing.

Founder/CEO, Ideahub (Pvt) Ltd.

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Mr. Tharindu Wijethilake

Lecturer

University of Colombo School of Computing.

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