# Kavindu Lakshan

**Computer Science Undergraduate**

✉ lakshan2725@gmail.com          in linkedin.com/in/kavindu-lakshan-b29091287

○ https://github.com/Lakshan102          🌐 https://kavindulakshan.vercel.app/

📞 +94 71 369 0673          📍 Colombo, Sri Lanka

## 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

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|---|---|
| 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.
✉ chaminda@ideahub.lk
📞 +94 77 744 4443

**Mr. Tharindu Wijethilake**
Lecturer
University of Colombo School of Computing.
SRI LANKA
✉ tnb@ucsc.cmb.ac.lk