

Chamath Poorna Danthanarayana

Fullstack Developer - Intern

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🔗 <https://github.com/CPdanthanarayana> 🔗 Portfolio

PROFILE

Motivated and detail-oriented Full-Stack Developer and Software Engineering undergraduate with hands on experience in developing dynamic web and mobile applications. Skilled in Java, JavaScript, Node.js, React, PHP, MySQL, and Flutter with Firebase, with a strong foundation in object-oriented programming and database management. Passionate about building efficient, scalable solutions that enhance user experience and address real-world challenges. Eager to contribute to innovative projects and continuously expand technical expertise in global software development environments.

EDUCATION

B.Sc. (Hons) in Computing and Information Systems 2023 – Present
(Undergraduate)

Sabaragamuwa University of Sri Lanka

GCE Advanced Level (Physical Science stream) 2021

Mahinda Rajapaksha College - Homagama

PROJECTS

Capstone Project - EleFence360 | Group 🔗 04/2025 – 07/2025

The Automated Elephant Detection and Deterrence System
for Enhanced Elephant Fencing

- **Description:** An IoT based system to prevent human-elephant conflicts by detecting elephant presence, triggering humance sound deterrents, sending real time alerts, monitoring fence status, and mapping high risk zones to protect both farmland and wildlife.
- **Technologies:** Flutter, IoT
- **National ICT Awards NBQSA 2025 :** Merit Award
- **International ICT Innovative Services Awards (InnoServe Awards 2025):** Represented Sri Lanka

SKILLSWAP | Individual 🔗 08/2025 – Present

Skill Exchange Platform

- **Description:** A platform that connects individuals to exchange skills and services, enabling users to learn new abilities or receive help in areas such as academics, technology, and daily tasks. Designed to promote collaboration, community learning, and cost-free knowledge sharing.
- **Technologies:** React JS, Express JS, MongoDB, Node JS

Community Project | Group 🔗 10/2025 – Present

Automated School Timetable Management System

- **Description:** A web-based system designed to automate school timetable creation, minimizing manual work and scheduling conflicts. The system efficiently assigns teachers, subjects, and classrooms to ensure accurate and well-organized timetables for schools.
- **Technologies:** React JS, FastAPI

Fixora | Individual 🔗 09/2025 – Present

Issue Reporting & Service Platform

- **Description:** A web based platform where users can upload problem cards for repairs, workers can share job cards, and both parties can connect and chat through the website. Designed to simplify repair requests, improve communication, and streamline service management.
- **Technologies:** React JS, Django, SQLite

SKILLS

- **Languages** : Java , PHP , Python , Dart , JavaScript
- **Frameworks Technologies**: ReactJS , ExpressJS , Laravel , Next.js , Django
- **Web Technologies** : HTML , CSS , Firebase , Tailwind CSS
- **Mobile Development** : Flutter
- **Database Management** : MySQL , MongoDB
- **Version Control** : Git & GitHub
- **Design Tools** : Figma

CERTIFICATES

- Postman API Fundamentals Student Expert [↗](#)
- Programming in Python - Python for Beginners [↗](#)
Credential ID: jxIT0TOXGK

REFERENCES

Prof. BTGS Kumara [↗](#)

- Professor, Faculty of Computing, Sabaragamuwa University of Sri Lanka
- Phone : +94 71 443 1192
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Dr. LS Lekamge [↗](#)

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