

Chamath Poorna Danthanarayana

Full Stack Developer – Intern

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 +94 76 688 7096

 Colombo

 Chamath Danthanarayana

 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 (OOP) 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
(Undergraduate)**

2023 – Present

Sabaragamuwa University of Sri Lanka

GCE Advanced Level (Physical Science stream)

2021

Mahinda Rajapaksha College - Homagama

PROJECTS

Capstone Project - EleFence360 | Group Project 

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 humane sound deterrents, sending real-time alerts, monitoring fence status, and mapping high risk zones to protect both farmland and wildlife.
- My Contribution:** Developed the login and registration modules of the mobile application. Integrated all modules to build a fully functional and optimized Flutter app. Also developed the relay module in the IoT prototype, contributed to overall hardware integration, and connected the mobile app with the IoT system through Firebase for real-time data synchronization.
- Technologies:** Flutter, IoT
- National ICT Awards NBQSA 2025 :** Merit Award
- International ICT Innovative Services Awards (InnoServe Awards 2025):** Represented Sri Lanka

SKILLSWAP | Individual Group 

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 (MERN)

Community Project | Group Project 

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.
- My Contribution:** Currently responsible for developing the frontend login and registration modules using React JS. In the next development phase, I will also contribute to backend development using FastAPI to support data handling and scheduling functionalities.
- Technologies:** React JS, FastAPI

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

TECHNICAL 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

SOFT SKILLS

- Leadership & Team Management
- Teamwork & Collaboration
- Problem Solving
- Communication
- Time Management
- Event Coordination & Organization
- Adaptability

CERTIFICATES

- Postman API Fundamentals Student Expert
- Programming in Python - Python for Beginners
Credential ID: jxIT0TOXGK
- Next.js: Build Dynamic, Fast & Scalable Web Applications - Udemy
- Server-side web programming
Credential ID: AruXHc2Jly

VOLUNTEERING EXPERIENCE

Active Member

Society of Computer Sciences 2025
Sabaragamuwa University of Sri Lanka

Active Member

IEEE Student Branch 2025
Sabaragamuwa University of Sri Lanka

REFERENCES

Prof. BTGS Kumara

- Professor, Faculty of Computing, Sabaragamuwa University of Sri Lanka
- Phone : +94 71 443 1192
- Email : kumara@appsc.sab.ac.lk

Dr. LS Lekamge

- Head, Department of Computing and Information Systems Faculty of Computing, Sabaragamuwa University of Sri Lanka
- Phone : +94 71 110 6393
- Email : slekamge@foc.sab.ac.lk