

EDUCATION

- **Bachelor of Science in Software Engineering (Hons)** The Open University of Sri Lanka
Expected Graduation: 2026
- **Pearson Higher National Diploma in Computing (Network Engineering)** Esoft Metro Campus
Result - Merit 2021 – 2023
- **Advanced Level, Technology Stream** Government Science College, Matale
Result - Passed 2019 – 2021

EXPERIENCE

- **Knowlihub** Kandy, Sri Lanka
Software Engineer Sep 2023 - Present
 - Developing a community-driven open-source learning resource sharing platform that offers better online resources for learners, which are easily accessible and free of charge.
 - Designing the architecture of the platform from scratch.
 - Chose a suitable tech stack for implementation.
 - Designed the database for the platform and implementing the platform from scratch.
 - Planning to release the first open-source project, end of this year.
- **Sustainable Education Foundation** Colombo, Sri Lanka
Software Engineer January 2024 - Present
 - Specialize in identifying and resolving bugs within the codebase, proactively seeking assignments to enhance platform functionality.
 - Dockerised the main backend API codebase.
 - Integrated Google OAuth 2.0 and password reset features.
 - Developed an email-client API using Go, which has better concurrency handling.
 - Implemented the UI for the bulk email feature.
 - Implementing the certificate generation feature.
- **Students for the Exploration and Development of Space - SEDS OUSL** Colombo, Sri Lanka
Web Master May 2024 - Present
 - Responsible for developing and maintaining the upcoming web platform to manage the end-to-end processes of the organization.
 - Designing the entire platform's architecture.
 - Researching suitable tech stack for the platform.
- **Esoft Metro College** Matale, Sri Lanka
Assistant Lab Administrator (Internship) July 2022 – October 2022
 - Managed daily operations of computer labs, ensuring availability and functionality of systems.
 - Provided technical support to students and staff, troubleshooting hardware and software issues.

PROJECTS

- **Knowlihub:** Developing a community-driven open-source learning platform using JavaScript/TypeScript, Node.js, ReactJS, Go Lang, PostgreSQL.
- **Bulk Email Send API:** Designed and implemented a GoLang API for bulk email sending using PostgreSQL and Docker.
- **OpenConnect:** Contributed to an open-source initiative using JavaScript/TypeScript, GoLang, Node.js, PostgreSQL.

PROGRAMMING SKILLS

- **Languages:** C, GoLang, Java, Python, Java, JavaScript, TypeScript
- **Technologies:** Git/GitHub, Linux, Node.js, Docker, GCP