



DILSHAN SETHMINA

Undergraduate
Full-Stack Enthusiast

ABOUT ME

I'm an IT undergraduate who is pursuing a Bachelor of Information & Communication Technology (Hons) at the University of Sri Jayewardenepura. I'm eager to gain real-world full-stack experience through an internship that allows me to apply my technical knowledge and advance my professional career.

EDUCATION

Bachelor of Information and Communication Technology (Hons) 2023 – 2027

Faculty of Technology, University of Sri Jayewardenepura

- Current GPA - 3.60
- Software Development - Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Engineering, MERN-Stack, Web & Mobile Application Development.
- Data Science & AI - Machine Learning, Data Mining & Warehousing, Data Analytics.
- Systems & Infrastructure - Database Management Systems (DBMS), Operating Systems, Computer Networks, Cloud Computing.
- Specialized Technologies - IoT with Embedded Systems, Cybersecurity

GCE Advanced Level Examination - Technology 2021(2022)

Richmond College - Galle
• 3 As, Galle District Rank: 13

PROJECTS

SL Route

2025 NOV(Ongoing)

Individual Project

- Developing a robust full-stack web application for itinerary management and route optimization in Sri Lanka.
- Engineered a responsive dashboard integrating Google Maps and Places APIs for real-time location data
- Photo galleries and reviews, supported by a RESTful backend for managing user trip history and preferences.
- Technologies Used- React.js, Node.js, Express, MongoDB, Google Maps API, Google Places API, Tailwind CSS, REST APIs, Git
- github.com/dilshansethmina2002/Travel-guide

SPDMS

ICT Project

2025 July-2025 Oct

- Developed a web-based Smart Postal Delivery Management System
- Real-time parcel tracking, Automated notifications
- Role-based dashboards to enhance efficiency, transparency, and customer satisfaction in postal services.
- Technologies Used - React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Figma, GitHub, Vercel, Railway, QR/Barcode Libraries
- github.com/malindugimsara/smart-postal-management-system.git

CONTACT ME

- +94 76 128 7292
- sethminadilshan@gmail.com
- linkedin.com/in/sethminakol/
- github.com/dilshansethmina2002
- Watthahena, Thalgaswala

TECHNICAL SKILLS

- Java
- NoSQL (MongoDB)
- Containers, Docker
- MySQL
- HTML / CSS
- JavaScript
- C#
- Dart(Flutter)
- Node.js
- Express.js
- React.js
- Version Control (Git/GitHub)
- Postman

LANGUAGES

- Sinhala - Native
- English - Professional Proficiency

SOFT SKILLS

- Teamwork & Team Guidance
- Professional Growth Mindset
- Critical Thinking
- Effective Communication
- Agility & Resilience
- Problem Solving
- Project Management
- Adaptability

VOLUNTEERING

- Finance Coordinator(2025/2026) Information and Communication Society (ICTS), University of Sri Jayewardenepura.
- HR Team Member CryptX 1.0 ICTS Organizing Committee, University of Sri Jayewardenepura
- Event Team Member – Envision ICTS Organizing Committee, University of Sri Jayewardenepura.
- Organizing Committee Member Touch the Peak 2025- FOT & FAS Episode Job Fair Career Skills Development Society, University of Sri Jayewardenepura.

Lost & Found Web Platform

2025 April - 2025 June

Software Engineering II - 5 Semester

- Built a full-stack platform for efficient lost item recovery using React.js and Node.js, featuring real-time status updates.
- Implemented secure Supabase authentication and RBAC to manage user claims and verify ownership.
- Designed a responsive, high-fidelity interface with Tailwind CSS and Material UI, backed by MongoDB for data storage.
- Technologies used- React.js, Node.js, Express.js, MongoDB, Supabase, Tailwind CSS.
- github.com/dilshanethmina2002/Lost-and-find-item

iOT PRODUCT QUALITY MANAGEMENT

2024 Dec - 2025 March

SYSTEM

Digital Control Systems - 4 Semester

- Engineered an IoT-based automated system for real-time product quality inspection and sorting using Arduino-controlled sensors and robotics.
- Designed and implemented a conveyor belt mechanism to streamline the automated delivery of items to inspection checkpoints.
- Developed a centralized dashboard using C# and SQL to monitor production analytics, including color-based quality checks and real-time item counting.
- Technologies used - C#, SQL, Arduino, Robotics
- LinkedIn - <https://tinyurl.com/2kswvb6m>

Welcome to Sri Lanka

2024 Oct - 2024 Nov

Individual Project

- Designed and developed a fully responsive travel website providing a seamless user experience across mobile, tablet, and desktop devices.
- Leveraged the Bootstrap framework to implement a modern UI/UX with a fluid grid system and intuitive navigation.
- Integrated JavaScript to create interactive elements and optimized frontend code for fast load times and cross-browser compatibility.
- Technologies used – HTML, CSS, JavaScript, Bootstrap
- LinkedIn - <https://tinyurl.com/mu6ery>

CERTIFICATIONS AND ACHIEVEMENTS

- Aviatrix Certified Engineer (ACE) – Associate | Aviatrix
 - Completed comprehensive training on cloud networking fundamentals, covering essential components and multi-cloud principles across major service providers (AWS, Azure, GCP).
- Financial Division Coordinator | ICTS (Information and Communication Technology Society)
 - Appointed to a leadership role responsible for coordinating financial operations and resource management for the division.
- Academic Excellence Award – G.C.E. Advanced Level | Richmond College, Galle
 - Achieved 13th Rank in Galle District in the G.C.E. Advanced Level Examination.

REFERENCES

Dr. Prabhani Liyanage

Senior Lecturer
Head of the Department of ICT,
Faculty of Technology,
University of Sri Jayewardenepura.

Phone: +94 71 446 3920

Email: prabani@sjp.ac.lk

Dr. Nalaka Lankasena

Senior Lecturer
Faculty of Technology,
University of Sri Jayewardenepura.

Phone: +94 77 779 9856

Email: nalaka@sjp.ac.lk