



## CONTACT ME

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- [github.com/dilshansethmina2002](https://github.com/dilshansethmina2002)
- Waththahena, 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

# 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 Stream 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](https://github.com/dilshansethmina2002/Travel-guide)

#### SPDMS

2025 July-2025 Oct

##### ICT Project

- 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-managment-system.git](https://github.com/malindugimsara/smart-postal-managment-system.git)

## 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/dilshansethmina2002/Lost-and-find-item](https://github.com/dilshansethmina2002/Lost-and-find-item)

## IOT PRODUCT QUALITY MANAGEMENT SYSTEM

2024 Dec-2025 March

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

- Aviatix Certified Engineer (ACE) – Associate | Aviatix
  - 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.

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