DILSHAN SETHMINA

Undergraduate
Full-Stack Enthusiast

CONTACT ME

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📍 Waththahena,Thalgaswala , Galle

TECHNICAL SKILLS

- **Web Development** - React, Node.js, JavaScript ,Express.js , TailwindCSS, HTML, CSS , Bootstrap
- **Languages** - Java, C#, Dart, Python
- **DevOps & Containers** - Docker
- **Database** -MongoDB, MySQL
- **UI Design** - Figma, Canva
- **Tools** - Visual studio code, Visual studio, IntelliJ IDEA, Postman, Git/GitHub

LANGUAGES

- Sinhala - Native
- English - Professional Proficiency

ABOUT ME

IT Undergraduate pursuing a Bachelor of Information & Communication Technology (Hons) at the University of Sri Jayewardenepura, with experience building end-to-end applications using the MERN stack (React, Node.js, MongoDB). I am eager to apply my technical knowledge as an Intern Full-stack Developer, contributing to the team while gaining real-world experience in shipping software products.

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

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

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

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://iotproductquality

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://welcometosrilanka

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
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