

MALINDU GIMSARA

UNDERGRADUATE | FULL STACK ENTHUSIAST

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SUMMARY

Motivated IT undergraduate with hands-on experience in React, Node.js, and MongoDB. Developed full-stack projects including a Printshop Management System and a Smart Postal Delivery Management System. Strong teamwork and problem-solving skills with a solid understanding of modern web technologies. Seeking an internship opportunity to apply technical knowledge and gain industry experience.

EDUCATION

Bachelor of Information & Communication Technology(Hons)

2023 - Present

University of Sri Jayawardenapura (Faculty of Technology)

Specializing Software Technology

G.C.E. ADVANCED LEVEL EXAMINATION

2021(2022)

Dharmasoka College, Ambalangoda

Engineering Technology Stream (Index No 6004415)

Scored 3 A's (ICT - A , ET - A, SFT - A)

District Rank(Galle) - 12 Island Rank - 120

TECHNICAL SKILLS

- Languages - Java, C, C#
- Web Development - HTML, CSS, JavaScript, React, TailwindCSS, Bootstrap, Node.js, Express.js
- Database - MySQL, MongoDB
- UI Design - Figma, Canva
- Tools - Visual Studio Code, Visual Studio, GitHub

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Teamwork & Collaboration Adaptability & Learning Agility
- Communication Skills
- Technical Communication & Knowledge Sharing
- Creativity & Innovation

PROJECTS

PRINT SHOP MANAGEMENT SYSTEM

Individual Project (2025)

Technologies: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Supabase, JWT

- Developed a fully responsive user interface using React.js and Tailwind CSS.
- Built a scalable backend with Node.js and Express.js, integrating MongoDB for efficient data management.
- Designed and implemented a modern admin dashboard with order analytics, recent activity tracking, and system insights.
- Implemented secure authentication and authorization using JWT, bcrypt password hashing, and email-based OTP for password recovery.
- Deployed the frontend on Vercel and backend on Render, utilizing environment variables and CI/CD pipelines for continuous deployment and updates.

SMART POSTAL DELIVERY MANAGEMENT SYSTEM

2025

Technologies: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Supabase, JWT

- Developed a responsive user interface using React.js and Tailwind CSS.
- Implemented a RESTful backend with Node.js and Express.js, integrating MongoDB for reliable data management.
- Designed a modern admin dashboard with order analytics, recent activity tracking, and system insights.
- Implemented secure user authentication using JWT, bcrypt password hashing, and email-based OTP for password recovery.
- Deployed the frontend on Vercel and the backend on Render, utilizing environment variables and CI/CD pipelines for continuous deployment and updates.

LOST & FOUND WEB APPLICATION

2025

Technologies: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Bootstrap, Supabase

- Developing a full-stack web platform that helps users report and locate lost or found items efficiently.
- Designed a responsive, user-friendly interface using React.js, Tailwind CSS, and Material UI
- Added role-based access control for customers, admins, and postman.
- Implemented secure user authentication and data management with Supabase and MongoDB.
- Integrated real-time data handling for instant item updates and improved community engagement
- Utilized GitHub for version control and collaborative development.

IOT PRODUCT QUALITY MANAGEMENT SYSTEM

(2024 - 2025)

Technologies: C#, SQL, Arduino

- Developed an IoT-based automated system for product quality inspection and sorting using sensors and robotics.
- Implemented a conveyor belt mechanism for automated item delivery to inspection points.
- Built a dashboard to monitor product quality by color, track real-time counts.

GlamWed Studio

(2024 - 2025)

Technologies: HTML, CSS, PHP, Bootstrap, WAMP, Google Sheets

- Developed a comprehensive wedding and salon management website offering seamless planning and premium services.
- Designed elegant UI components using HTML, CSS, and Bootstrap for a modern, responsive layout.
- Implemented backend functionalities with PHP and WAMP for service management and data handling.
- Used Google Sheets integration for efficient data storage and real-time updates.

LEADERSHIP & VOLUNTEERING

- Finance Team Member – CryptX 1.0 ICTS Organizing Committee, University of Sri Jayewardenepura.
- HR 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

ADDITIONAL INFORMATION

- **Languages:** Sinhala - Native, English - Intermediate
- **Awards:** Best Performance Awards - Information Communication Technology Society, University of Sri Jayewardenepura.