ISHAN WIJESINGHE

Information Technology Undergraduate

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SUMMARY

An enthusiastic undergraduate specializing in Information Technology, passionate about creating innovative digital solutions. Strong interest in web development, with a collaborative mindset and a continuous drive to learn emerging technologies. Dedicated to combining creativity with technical knowledge to deliver efficient and impactful results.

EDUCATION

SLIIT | Sri Lanka Institute of Information Technology   **Feb 2023 - Nov 2026**

BSc (Hons) in Information Technology Specialize in Information Technology

PROJECTS

Salon Diamond Management System | GitHub Repository   **Nov 2024 - Present**

Technologies: Node.js, Express.js, EJS, SQL, HTML, CSS

- Developed a full-stack salon management web application to handle appointments, clients, and services efficiently.
- Implemented server-side rendering with EJS for dynamic page generation and seamless user interaction.
- Designed and maintained a relational database schema in SQL for structured data storage and management.
- Built RESTful routes in Express.js for handling CRUD operations and managing salon workflows.
- Created a clean and responsive front-end interface using HTML and CSS to enhance user experience.
- Organized the project structure for scalability with modular views, partials, and static assets.

MyHomeStock | GitHub Repository | Demo Video   **Jun 2025 - Present**

Technologies: Node.js, Express, MongoDB, JavaScript

- Built a full-stack smart home-inventory management web application enabling users to track items in their household, generate shopping lists and alerts for low-stock items.
- Implemented secure user authentication and account management to personalise each user's inventory space.
- Designed modular backend API routes in Express to handle CRUD operations for items, categories, and user settings.
- Integrated MongoDB as a flexible NoSQL database for scalable storage of dynamic inventory and shopping information.
- Created a responsive front-end interface using modern JavaScript practices and reusable components to support inventory browsing, alerts and reports.
- Developed intelligent features such as suggesting purchases for frequently under-stocked items and generating out-of-stock notifications to streamline household management.

Dish-Craft | GitHub Repository | Demo Video   **Jun 2025 - Present**

Technologies: React, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript

- Built a full-stack recipe management web application enabling users to create, browse, and share cooking recipes online.
- Developed dynamic front-end interfaces with React for smooth navigation and interactive user experiences.
- Implemented RESTful APIs with Express.js to handle recipe creation, updates, deletions, and user interactions.
- Integrated MongoDB as a flexible NoSQL database to store recipe details, ingredients, and user data efficiently.
- Designed a responsive and visually appealing interface using CSS, ensuring accessibility across devices.
- Organized modular components and routes to support scalability and maintainable code architecture.

SKILLS

- **Frontend Development:** React, JavaScript, Tailwind CSS
- **Backend Development:** Node.js, Express.js, Spring Boot, REST APIs
- **Database Management:** MongoDB, MySQL
- **Tools & Others:** Git, GitHub, Postman, VS Code, Figma, Axios
- **Skills:** Team Leadership, Teamwork & Collaboration, Problem-Solving, Time Management