



SAVINDI DISANAYAKA

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SUMMARY

Motivated Information Technology undergraduate at SLIIT with hands-on experience in full-stack development, database design, and Agile collaboration. Completed an industry internship at Dockyard Total Solutions, contributing to real-world software projects and improving system functionality. Passionate about building scalable, user centered applications and continuously learning modern engineering practices.

SKILLS

Programming Languages: JavaScript, Java, Python, Kotlin, C, C++
Web Development: HTML, CSS, React.js, Tailwind CSS, Material-UI
Backend & Frameworks: Node.js, Express.js, Spring Boot,.Net
Databases: MongoDB, MySQL, Firebase
Version Control & Collaboration: Git, GitHub
Design & Prototyping Tools: Figma, Draw.io
Soft Skills: Problem Solving, Teamwork & Collaborating

WORK EXPERIENCE

Intern Software Engineer | Dockyard Total Solutions March 2025 - september 2025

Contributed to real-world client projects using .NET(C#) and React.js with Redux (frontend).
Assisted in developing and maintaining full-stack applications with a focus on performance and scalability.
Designed and optimized databases using MySQL for efficient data management.
Collaborated with senior developers in Agile sprints, handling bug fixes, feature enhancements, and code reviews.
Gained hands-on exposure to testing, and version control (Git/GitHub) in a production environment.

EDUCATION

Sri-Lankan Institute of Information Technology (SLIIT) 2022- Present

Bachelor of Science in Information Technology | Specializing in Information Technology

ACHIEVEMENTS

Secured Second Runner-Up position at CODEFEST - Designathon 2024 , recognized for innovative design solutions and teamwork in addressing complex technological challenges.

AWS Academy Graduate – Cloud Web Application Builder
AWS Academy Training Badge | 2025

PROJECTS

Farm Management System

Tech Stack: React.js, Material-UI, MongoDB, Node.js, Express.js

- **Individually** developed a full-stack web application to manage farm operations, including crops, fields, and staff.
- Integrated field monitoring with features such as location tracking, extent size calculation, and image uploads for enhanced visibility.
- Streamlined workflows through interconnected management of crop and staff details, improving operational efficiency.
- Code Repositories : <https://github.com/savindi500/Farm-Management/tree/main>

Profile Management System

Tech Stack: Spring Boot, Java, MySQL, Spring Data JPA, Maven, RESTful API

- **Individually** developed a backend Spring Boot application for managing user data, including CRUD operations via a RESTful API.
- Leveraged Spring Data JPA and Maven to ensure high performance, scalability, and maintainability.
- Designed a robust database structure with MySQL for efficient user data management.
- Focused on delivering a secure and efficient system to streamline administrative tasks.
- **Code Repositories** : <https://github.com/savindi500/userprofile-spring-boot-/tree/master>

E-commerce Frontend Development

Tech Stack: React.js, Redux, Vite, Material-UI, Tailwind CSS, JavaScript, HTML

- **Individually** built a responsive e-commerce frontend using React.js and Vite, delivering a fast and seamless user experience.
- Implemented key functionalities such as add-to-cart, item fetching, and dynamic total price calculation to enhance usability.
- Optimized state management with Redux, ensuring efficient handling of application state and reducing performance bottlenecks.
- **Code Repositories** : <https://github.com/savindi500/Ecom>

AI-Powered Urban Transportation Solution

Tools Used: Figma

- Collaborated in a **team** to design a mobile solution prototype addressing traffic congestion, inefficient public transport, and sustainability challenges in Sri Lanka's urban areas. The app features real-time route optimization, incentivized carpooling, and integration with electric/alternative energy transportation. Focused on user-friendly UI/UX, ensuring seamless navigation and engagement.
- Code Repositories : <https://www.figma.com/design/u1j6trvTsFHxu1lHu35KYn/Zara-Website-Re-Designing?node-id=0-1&p=f&t=dLhYCh9ZXXoxB1Y0-0>