



# SAVINDI DISANAYAKE

**Address:** Galle  
**Phone:** +94 74 077 4451  
**Email:** ssavindi660@gmail.com  
**LinkedIn:** [Savindi Dissanayake](#)  
**website:** <https://savindi500.github.io/Portfolio/>

## SUMMARY

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As an undergraduate at the Sri Lanka Institute of Information Technology (SLIIT), I have a strong foundation in programming, software engineering, and web development. Proficient in technologies like JavaScript, React.js, Spring Boot, and MongoDB, I excel at solving complex problems and driving innovation. Passionate about leveraging emerging technologies to develop scalable and impactful solutions, I am eager to contribute to projects that require technical expertise and creative problem-solving.

## SKILLS

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<b>Programming Languages:</b>	JavaScript, Java, Python, Kotlin, C, C++
<b>Web Development:</b>	HTML, CSS, React.js, Tailwind CSS, Material-UI
<b>Backend &amp; Frameworks:</b>	Node.js, Express.js, Spring Boot
<b>Databases:</b>	MongoDB, MySQL
<b>Version Control &amp; Collaboration:</b>	Git, GitHub
<b>Design &amp; Prototyping Tools:</b>	Figma, Draw.io
<b>Soft Skills:</b>	Problem Solving, Teamwork & Collaboration, Attention to Detail, Critical Thinking

## EDUCATION

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**Sri-Lankan Institute of Information Technology (SLIIT)** 2022- Present  
Bachelor of Science in Information Technology | Specializing in Information Technology

**Karandeniya central college - Galle** 2021  
Advance Level (A/L) | Accounting,Bussiness Studies,ICT

**Karandeniya central college - Galle** 2018  
Ordinary Level (O/L)

## ACHIEVEMENTS

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**Secured Second Runner-Up position at Designathon 2024** – Recognized for innovative design solutions and teamwork in addressing complex technological challenges.

## PROJECTS

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### 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>

### Zara Website Redesign

**Tools Used:** Figma

- Redesigned the Zara website, focusing on modernizing and improving the "Contact Us," "Edit Address," and "Product Page" layouts.
- Created multiple design iterations to evaluate usability and visual appeal, selecting the most user-friendly and aesthetically pleasing designs for implementation.
- Incorporated features such as a chat box on the "Contact Us" page and optimized the layout for mobile responsiveness.
- Code Repositories : <https://www.figma.com/design/u1j6trvTsFHxu1IHu35KYn/Zara-Website-Re-Designing?node-id=0-1&p=f&t=dLhYCh9ZXXoxB1Y0-0>