

# Senara Nilmani

📍 Matara, Sri Lanka

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## SUMMARY

A motivated and hardworking third-year undergraduate student pursuing a BSc in Information Technology, specialized in Software Engineering. Strong interest in full-stack and mobile app development with hands-on experience in Java, Kotlin, database systems, and the MERN stack (MongoDB, Express.js, React.js, Node.js). A quick learner with a passion for developing practical solutions through teamwork and problem-solving.

## EDUCATION

### Sri Lanka Institute of Information Technology (SLIIT)

B.Sc. (Hons) in Information Technology, Specializing in Software Engineering

July 2023 – Present

CGPA: 3.13/4.00

### St. Thomas's Girls' High School, Matara.

GCE Advanced Level – Commerce Stream (Aug 2021)

2013 – 2022

Economics – C Business Studies – C Accounting – C

## PROJECTS

### Personal Portfolio Website – Web Application

2026

GitHub Live Demo

- Designed and developed a responsive personal portfolio website to showcase projects, skills, and contact details.
- Implemented modern UI design with smooth animations and mobile-friendly layout.
- Technologies: **React.js** **Tailwind CSS** **Framer Motion**

### SQUAD EDU – Gamified Digital Skill Trainer (Mobile Application)

2025

GitHub

- Designed and developed an inclusive mobile app to teach digital skills to rural youth through gamified lessons, quizzes, and puzzles.
- Integrated features such as **interactive story lessons, quizzes, puzzles, progress tracking, and dark/light mode.**
- Technologies: **Flutter** **Firebase** **Figma** **Dart**

### Vehicle Transportation Management System – Web-Based Application

2025

GitHub

- Designed and developed a transportation management system to streamline vehicle allocation, booking, and scheduling processes.
- Technologies: **MongoDB** **Express.js** **React.js** **Node.js** **CSS**

### Online Train Reservation Management System – Web-Based Application

2024

GitHub

- Built an online reservation system for train ticket booking, user management, and payment handling.
- Technologies: **Java** **MySQL** **CSS** **Bootstrap** **HTML** **JavaScript**

### Personal Financial Tracker – Mobile Application

2024

GitHub

- Developed a mobile application to track income, expenses, and financial goals with persistent data storage.
- Technologies: **Kotlin** **XML** **Android Studio**

## TECHNICAL SKILLS

**Programming:** Java, C, C++, Python, Kotlin, Dart

**Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js

**Database:** MongoDB, MySQL, Firebase

**Soft Skills:** Problem-solving, Teamwork, Decision-making, Creativity

## CERTIFICATIONS

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### MongoDB Node.js Developer Path – Completed

 [Certificate Link](#)

2025

- Completed the MongoDB and Node.js Developer learning path.
- Learned data modeling, CRUD operations, aggregation, and server-side development with Node.js.

### Diploma in Information Technology (International)

2019

#### Diploma in English

*ESOFT Metro Campus, Matara*

- Successfully completed both Diploma programs enhancing technical and communication skills.

## REFERENCES

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