IRUSHA DILSHAN

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EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)-Malabe   **Expected 2027**

Bachelor of Science Honours in Information Technology

Relevant Coursework: OOP, Data Structures & Algorithms, Web Application Development, Mobile App Development, Database Management, Software Engineering, Computer Networks.

UNIVERSITY PROJECTS

ServSync – Smart Appointment & Queue Management System (Web App)   **sep 2025**

• Designed and developed a full-stack web platform to streamline appointment scheduling and real t ime queue management for public service organizations.

 • Implemented secure user roles (Manager, Admin, Receptionist) with dashboards, complaint handling, and service flow monitoring.

 • Integrated real-time updates using WebSockets and optimized API performance for high-volume traffic.

• Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, REST APIs • Course: IT Project

Habithive- Personal Wellness Companion – Habit, Mood & Hydration Tracker (Android | Kotlin)
                                                                                                                       sep 2025

• Developed a modern mobile wellness application to help users track daily habits, moods, and hydration levels.

 • Implemented algorithms such as [Algorithm Name] for optimization and [Data Structure] for storage.

• Added home-screen widgets, progress charts (MPAndroidChart), and responsive layouts using Activities + Fragments.

• Tech Stack: Kotlin, Android Studio, SharedPreferences, AlarmManager/WorkManager, MPAndroidChart.Additional Work Experience

TECHNICAL SKILLS

Languages: Java · JavaScript · Python · HTML · CSS · SQL

Frameworks & Tools: React · Tailwind CSS · Android Studio ·Flask· Firebase · Git · Node.js · Docker

Core Areas: Web Development · Mobile App Development · Algorithms · UI/UX Design · System Architecture

ADDITIONAL WORK EXPERIENCE

Management Assistant (MA) – National Livestock Development Board (NLDB)   **2022-2023**

• Supported data entry and organizational activities

• Managed records, reports, and customer/visitor interactions.

ADDITIONAL

Languages: English, Sinhala

Certifications:

 • Web Design for Beginners (University of Moratuwa)

 • Python Essentials 1 (University of Moratuwa)