

# DILU THARUSHIKA

IT Undergraduate

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## EDUCATION

### Advanced Technological Institute-Galle

2022-Present

Course: Higher National Diploma in Information Technology

Current SGPA: 3.72 (As Second Year 1st Semester)

### G.C.E Advanced Level -Passed

2021

Stream:Physical Science

School:G/Anula Devi G.C

### G.C.E Ordinary Level-passed

2018

School: G/Kalahe Sri Sumangalodaya S.S

## SKILLS

### • Programming Languages:

Java, PHP, JavaScript, HTML & CSS, SQL

### • Frameworks & Libraries:

React JS, React Native, Expo, Node.js (basic), REST APIs & JSON

### • Tools & Technologies:

Firebase (Authentication, Realtime Database, Firestore), Supabase, Cloudinary

Git & GitHub, Visual Studio Code, IntelliJ IDEA, NetBeans

### • Design:

UI Design, Figma, Wireframing & Prototyping, Canva

### • Soft Skills:

Strong self-learning ability, Problem-solving mindset,

Good communication skills, Teamwork and collaboration, Time management

## EXPERIENCE | PROJECTS

### AI-Powered Recipe App (Mobile Application)

#### Description:

- Built a mobile application that generates personalized recipes using AI.
- Collected user preferences (e.g., cuisine type, dietary needs) to generate meal plans.
- Implemented intelligent recipe suggestions for meal planning.
- Focused on personalized and user-friendly design.

**Technologies Used:** React Native, Expo, Firebase, OpenAI/Groq (AI integration), JavaScript

### **Smart To-Do App (Mobile Application)**

#### **Description:**

- Developed a mobile application for managing daily tasks with a simple and clean interface.
- Implemented features to create, update, and delete tasks efficiently.
- Integrated real-time synchronization using Firebase Realtime Database.
- Enhanced user experience with Firebase Authentication for secure access.

**Technologies Used: React Native, Expo, Firebase ,JavaScript**

### **Pharmacy Management System (Web Application)**

#### **Description:**

- Built a web-based pharmacy system to manage prescriptions and order confirmations.
- Implemented role-based access: users upload prescriptions while admins confirm and generate bills.
- Automated bill generation with total cost calculations.
- Designed a responsive UI for smooth interaction between users and admins.

**Technologies Used: HTML, CSS, JavaScript, Firebase (Authentication, Firestore, Realtime Database)**

### **Film Hall Interface (UI Design)**

#### **Description:**

- Designed a user-friendly interface for a film hall system with seat booking and food ordering.
- Focused on smooth user flow and an intuitive layout to enhance the ticket reservation experience.
- Applied responsive design principles to ensure usability across devices.

**Technologies Used: Figma**

### **Mini Games Collection (Web Application)**

#### **Description:**

- Built small interactive games such as Tic Tac Toe and Hidden Object Game.
- Focused on user experience while improving programming logic and design skills.

**Technologies Used: Java, JavaScript, HTML, CSS, React.js**

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## **CERTIFICATES**

- Java Introduction ,Intermediate Certificates – SoloLearn
- UI/UX Design-Alison
- My SQL-SoloLearn

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## **LANGUAGES**

- Sinhala – Native(Speaking & Writing)
- English – Good (Speaking, Writing & Reading)

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## **REFERENCES**

Mrs. D.N.P. Attanayake  
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SLIATE – Galle  
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