

# NADIL DINSARA

## Software Engineering Undergraduate

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<https://github.com/NadilGT>

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Wasna, Dehigahalanda, Ambalantota

## TECHNICAL SKILLS

- Flutter
- Kotlin
- Go
- Java
- Angular
- Springboot
- Docker
- MongoDB
- React
- Python

## SOFT SKILLS

- Leadership
- Teamwork
- Adaptability

## LANGUAGES

- English
- Sinhala

## ACHIEVEMENTS

**Cutting Edge (1<sup>st</sup> place)**  
Smart Pregnancy Belly Wrap  
(Novalith) – IoT-based maternal health monitor (2025)

**CodeSprintX (3rd place)**  
Smart Pregnancy Belly Wrap  
(Novalith) – IoT-based maternal health monitor (2025)

## ABOUT ME

An enthusiastic software engineering undergraduate passionate about developing innovative solutions in mobile and web applications. Skilled in Flutter, Kotlin, and Go, with a strong foundation in software development principles and a keen interest in real-time systems. Eager to apply my knowledge in a dynamic work environment to enhance both my academic and professional skills

## EDUCATION

### B.Eng.(Hons) Software Engineering

University of Westminster  
2024-2027

### Completed GCE O/L

Rajapaksha Central College  
2014-2019

### Completed GCE A/L

Rajapaksha Central College  
2019-2023

## WORK EXPERIENCE

### Software Engineering Intern

Evolza - Colombo, Sri Lanka  
May 2025 - Present

- Developed a comprehensive service management application using Kotlin Jetpack Compose, implementing multiple activities with Intents for smooth navigation and an intuitive user experience
- Integrated Firebase Messaging for real-time notifications, Go backend for fast and scalable APIs, Google Maps for location-based services, and Auth0 for secure authentication

# PROJECTS

## Smart Pregnancy Belly Wrap (Group Project)

- <https://github.com/chalindu19/NOVALITH>
- Designed a wearable device for continuous maternal and fetal health monitoring, enabling real-time data tracking and cloud access for healthcare providers. Focused on requirements elicitation, UX design, and compliance for underserved regions.

## Expenze

- <https://github.com/NadilGT/Expenz>
- Created Expenze, a cross-platform mobile application using Flutter, which calculates and tracks expenses and incomes. Designed an interactive GUI to display and customize financial items, offering real time calculations and a user-friendly experience

## Dice Game App

- [https://github.com/NadilGT/Mobile\\_CW\\_02](https://github.com/NadilGT/Mobile_CW_02)
- Built an interactive dice game using Kotlin Jetpack Compose, implementing multiple activities with intent for seamless navigations and an engaging user experience

## Spotify-Clone

- <https://github.com/NadilGT/spotify-clone>
- Built a cross-platform music streaming app with user authentication, real-time database, cloud storage, and playlist management using Flutter and Firebase

## Skin-firts (doctor appoiment app)

- <https://github.com/NadilGT/skin-firts>
- Developed a cross-platform healthcare app with clean architecture, enabling user authentication, doctor search, appointment booking, and real-time schedule management. Built scalable backend APIs in Go with secure data handling and integrated with Flutter frontend for a seamless user experience.

## Real-Time Ticketing System

- [https://github.com/NadilGT/oop\\_backend\\_new](https://github.com/NadilGT/oop_backend_new)
- Design and developed a real-time event ticketing system using Java for the backend (CLI) and Angular with Spring Boot for the GUI.

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# REFERENCES

**Janith Amarawickrama**  
Lead IFS Technical Consultant

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**Sasanga Amaratunga**  
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