

# Mohanathas Thujeeban

Institute of technology University of Moratuwa, Sri Lanka  
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## PersonalStatement

I am a dedicated Information technology student with a passion for machine learning, Full stack mobile web developer, and AI. I love taking on new challenges and am constantly seeking opportunities to expand my knowledge and skills.

## Education

Institute of technology University Of Moratuwa, Sri Lanka	Jan 2024 – Present
National diploma in technology in Information technology	
Vavuniya tamil M/M/V	
Secondary Level(grade 06 to 13)	
GCE Advanced Level (Mathematics, Physics, Chemistry)	Oct 2021
C2S   Kilinochchi   Z - Score of 0.0983	
GCE Ordinary Level	Dec 2017
Passed with 6A 2B C	

## Projects

### BloomCare+ – Mobile Maternal Health Management System

**Project Type:** Final Year Project **Institution:** Institute of Technology, University of Moratuwa **Role:** Mobile & Backend Developer

#### Project Description:

BloomCare+ is a mobile application developed for the **Diyagama MOH** to digitalize **maternal and child health services**. Designed for **mothers, Public Health Midwives, and healthcare staff**, the app enhances healthcare efficiency, improves data accuracy, and ensures timely patient care. It addresses challenges such as **manual records, missed appointments, and poor health data access**, providing a streamlined solution for better health management.

#### Core Features & Technologies:

- **Digital Health Records:** Secure storage and retrieval of patient medical history.
- **Appointment Scheduler:** Automated scheduling system to reduce long queues.
- **Growth Tracking:** Monitors child development metrics for early health intervention.
- **Notification System:** Smart alerts for medical appointments and vaccination schedules.
- **Data Security & Access Control:** Ensures privacy and role-based permissions.
- **Risk Identification:** AI-assisted health monitoring for potential maternal risks.
- **Multilingual Support:** Accessible for diverse user groups.
- **Predefined Chatbot:** Assists users with common queries using AI-driven interactions.

## Tech Stack & Implementation:

- **Mobile Development:** Flutter (Dart)
- **Backend:** Spring Boot, Firebase
- **Database:** SQL and Firebase
- **Security:** OAuth2 authentication & encrypted data storage

## Skills Summary

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**Programming Languages:** Java ,SQL,MERN Stack,Firebase

**java Frameworks :** Spring boot,swing

**Tools:** VS Code, Google Colab, GitHub,Git, intellij IDEA,postman

**Soft skills:** Individual and Teamwork, Fast learning, Time Management

## Online Courses

## Honors and Awards

2024

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University Colours for Football 24

2025

## Clubs and Societies

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Mora Football team