RESHMITH THARRENDRA

Software Engineering Student, NIBM

CONTACT

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EDUCATION

Certificate in Software Engineering
National Institute of Business Management (NIBM)
Oct 2022 – Feb 2023

Diploma in Software Engineering
National Institute of Business Management (NIBM)
Jul 2023 – Sep 2023

Higher National Diploma in Software Engineering
National Institute of Business Management (NIBM)
Nov 2024 – Present

LANGUAGE

- English
- Sinhala

ABOUT ME

I'm a curious and enthusiastic software engineering student. who enjoys taking a project from concept to working solution. I love developing IoTs, mobile and backend systems, and working on solving meaningful problems. I am always learning, testing out and improving my skills in my pursuit of being a competent and effective software engineer.

SKILLS

- Programming Languages: Java, Python, SQL
- Web Development Technologies: HTML, CSS
- Tools & Platforms: Git, Visual Studio, MySQL, Firebase, Supabase, Docker

PROJECTS

Student and Teacher Management Android App

- Implemented QR-based attendance with real-time updates.
- Used Supabase as the backend database

Obstacle Avoidance Robot

- Arduino-based robot with ultrasonic sensors for obstacle detection.

Fisherman Safety IoT System

- IoT solution to improve fisherman safety
- Used geofencing to alert when boats cross safe boundaries.
- Integrated GPS, sensors, and real-time notifications.
- Real time weather notifications using weather API.

SOFT SKILLS

- Communication skills
- Problem Solving
- Teamwork
- Decision making
- Adaptability