

# HAMOOD THARIQ

## Software Engineer

🌐 hamoodthariq.netlify.app

📞 +94 78 676 2734 | 📩 HamoodThariq@outlook.com | 📍 No 454/2, Uyanwatta, Nugewela, Kandy. | 🌐 [hxm\\_xd](#) | 💬 [Hamood Thariq](#)

## ABOUT ME

Motivated and detail-oriented Computing undergraduate at the National Institute of Business Management, passionate about developing innovative software, mobile, and IoT solutions. Experienced in applying modern technologies such as Java, Spring Boot, Flutter (FlutterFlow), and Arduino to create efficient, user-focused systems. Recognized for strong problem-solving, teamwork, and analytical thinking, with a commitment to leveraging technology to solve real-world challenges and contribute meaningfully to dynamic IT projects.

## EDUCATION

National Institute of Business Management | 2024 - 2025

Higher National Diploma in Software Engineering

Grade - PENDING

National Institute of Business Management | 2023 - 2024

Diploma in Software Engineering

Grade - 3.71

## VOLUNTEERING EXPERIENCE

Professional Development Director - **Rotaract Club of Kandy Hill Capital**

Jul 2025 - Present

General Member - **Rotaract Club of Kandy Hill Capital**

2024 - 2025

Member - **IEEE**

NIBM

2025 - Present

Co Lead - **STEM UP Foundation**

NIBM Kandy

2025 - Present

Volunteer - **STEM UP Foundation**

NIBM Kandy

2023 - 2024

Committee Member – **NIBM IT Society**

NIBM Kandy

2023 - 2024

Batch Representative - **1st Year 1st semester**

NIBM Kandy

2023 - 2024

## TECHNICAL SKILLS

### Programming Languages:

- C
- C++
- C#
- Java
- HTML
- CSS
- Javascript
- Python

### Frameworks:

- Spring Boot
- .NET MVC
- Kotlin
- Python
- Express.js

### Database Languages:

- MySQL
- SQL
- Oracle SQL

### Data Analytics/Statistics:

- Power BI
- MS Excel
- Jamovi (Statistical Analysis)

---

## KEY SKILLS

- Project Management
  - Public Relations
  - Teamwork
  - Time Management
  - Leadership
  - Effective Communication
  - Critical Thinking
  - Public Speaking
- 

## PROJECTS

### Landslide Detection and Monitoring System

(Jul 2025 – present)

- Developing an IoT system which will deliver real-time landslide alerts, reducing disaster risks.
- Skills: IoT · Web Application Development · Machine Learning · Mobile Application Development

### Billing and Inventory Management System

(Oct 2025 – present)

- Developed a Billing and Inventory Management System to manage a motor service center and spare parts store in a single platform.

Skills: Java · Spring Boot · MySQL · Bootstrap · React · HTML · CSS · JavaScript

### Warehouse Inventory Robot

(Jan 2025 – Apr 2025)

- Developed an Arduino powered semi AGV robot with mobile app control to allow automated warehouse management.

Skills: Arduino · Robotics · Sensor Integration · Modular Design

### QuickCart

(Jul 2024 – Nov 2024)

- Developed all-in-one Flutter app unifying goods purchasing and on-demand services.

Skills: Flutter · Firebase · Mobile App Development · FlutterFlow

### EduSync – Academic Management System

(Aug 2024 – Oct 2024)

- Developed Java Swing desktop app for attendance, GPA, budget, and task management.

Skills: Java · Java Swing · MySQL · JDBC

---

## AWARDS

- Smart Student Award | Wesswood International College (2022)
- Spirit of Service | Rotaract District 3220 (2025)
- Member of the month | Rotaract Club of Kandy Hill Capital (2025)

---

## CERTIFICATIONS

- Project Management Reinvented for Non-Project Managers - [LinkedIn Learning](#)
- Certificate in Software Testing and Quality Assurance - [Institute of Management, Technology and Finance \(LinkedIn Learning\)](#)

---

## REFERENCES

**Mrs. Anjula Weerasinghe**  
Course Director - HND in  
Software Engineering  
NIBM Kandy  
anjula@nimb.lk  
0705621604

**Mr. Razmi Zahir**  
Head of IT  
Asian International School  
Colombo 07  
razmi@ais.lk  
0776429601

**Mr. Manjula Kulathunga**  
Chief Executive Officer  
Wysheit Technologies  
manjula@wysheit.om