

Hussain Muhammed

Software Engineer

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PROFILE

4th-year Software Engineering undergraduate at SLIIT with hands-on experience in software development through internships and academic projects. Skilled in mobile application development, database management, and modern programming practices.

EDUCATION

BSc in Information Technology (Specializing in Software Engineering) | SLIIT

2023 – 2026 (READING)

G.C.E. A/L | Kekunagolla National School (2020)

2C 1S (Combined Maths - C Chemistry - C, Physics - S, General English - C) | (Z-SCORE=0.4691)

G.C.E. O/L | Ds Senanayake College Colombo (2017)

6A 3B

EXPERIENCE

Intern Software Engineer American Premium Water System

• Selfcare Mobile App | 10/2024 – Present

- Developed a mobile app for **Android, iOS, and Web** enabling customers to view payments, consumption history, and invoice records.

- **Technologies:** Flutter, .Net Core, MSSQL, Azure, Firebase

IOS-<https://apps.apple.com/lk/app/myapws/id6742320691> 📄

Android-https://play.google.com/store/apps/details?id=com.americanpremiumwater.myapws&pcampaignid=web_share 📄

web app - <https://apwsselfcare.americanholdings.lk/> 📄

• Business Card Reader

- Built a Python app using Google Vision API for OCR to extract data from business cards. Used SpaCy for structuring extracted data into organized formats.

- Frontend : React , Backend: Node js

TOOLS AND TECHNOLOGIES

- Programming: Java, JavaScript, Python, Dart
- Frameworks & Tools: React, Flutter, Node.js, MERN, Express.js
- Databases: Firebase, MySQL, MongoDB, PostgreSQL, Oracle
- Other Tools: Docker, Kubernetes, GitHub, Figma, Jira
- Specialized Skills :Microservices Architecture, RESTful APIs, Secure Authentication

PROJECTS

Food Ordering and Delivery System

• Developed a comprehensive food ordering and delivery platform consisting of:

• **User Mobile App:** Enabled customers to browse restaurants, place orders, track deliveries, and process payments.

• **Driver Mobile App:** Integrated order assignment, real-time delivery tracking, and notification features.

• **Admin & Restaurant Web Application:** Supported menu management, order handling, and user account management.

Technologies Used: Flutter, Firebase, Node.js for mobile apps; React, Node.js for web apps. **Key Features:** RESTful APIs, microservices architecture, secure authentication, real-time notifications (email and SMS), and Dockerized service orchestration.

<https://github.com/mushrifahamed/TastyTrail.git> 📄

Textile Management System

• Implemented dynamic price updates in a Textile Management System based on demand and a secure user management system using JWT and role-based access control.

Technologies: React, Vite , MongoDB, Node Js

<https://github.com/yashodalasith/Textile-Management-System.git> 📄

Collection Mobile App -Real world project

Ghaneemathul Casimiyya Jumma Masjid

• Built an app for real-time tracking of financial collections with SMS notification integration.

Technologies: Flutter, Firebase

https://github.com/IT22609212/GCJM_CollectionAPP.git 📄

REFERENCES

Nirmala Kolugala, *General Manager*, American Premium Water
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Showan Premakumar, *Data Engineer*, American Premium Water
shown.p@americanwater.lk