

# **Manujaya Rathnayake**

## **Information System Undergraduate**

Colombo, Sri Lanka

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### **SUMMARY**

Third year Management Information Systems(special) student with a strong interest for software engineering and developing scalable full stack applications. Strong in soft skills self-learning, communication, problem-solving, leadership, teamwork, and adaptability. seeking an internship opportunity to utilize and improve technical capabilities in innovative, agile development, collaborative settings.

### **EDUCATION**

#### **NSBM Green University – Sri Lanka**

BSc in Management Information System (special) - UGC(Reading)

GPA: 3.21

**Colombo, Sri Lanka**

2022 2026(Expected)

#### **St. Anthony's College**

G.C.E. O/L and A/L Examination

Physical Science Stream

**Kandy, Sri Lanka**

2007 - 2020

(Result – SSS)

### **TECHNICAL SKILLS**

**Programming Languages:** Java | C | HTML | CSS | JavaScript | Dart

**Frameworks & libraries:** Spring Boot | React | Tailwind CSS | Flutter

**Database Developments:** MySQL | PostgreSQL | Firebase (Firestore, Auth, Storage)

**Web Development Technologies:** RESTful API | REST API

**Applications & Tools:** Docker | firebase | Postman | VS code | IntelliJ

**Version Control:** Git | GitHub | GitHub Actions

**UI/UX:** Figma | Canva

**Concepts:** Software Development Life Cycle (SDLC) | Object Oriented Programming | MVC Architecture | Agile Methodology

**Soft Skills:** Leadership | Self- Learner | Communication | Problem- Solving | Time Management | Team Work

**Cloud Technologies:** Microsoft Azure

### **CERTIFICATIONS**

**Software Development Fundamentals (AWS) offered By Coursera** - issued February 2025

**Microsoft Professional Program in Front-End Web Development** - Issued February 2025 by Meta

**GitHub Foundations** - Issued January 2025 - Expires January 2028 by GitHub

**Postman API Fundamentals** – Issued June 2025 - Expires December 2035 by Postman

**MERN Essential Training** – Issued December 2024 by LinkedIn

### **PROJECTS EXPERIENCE**

#### **1. Waste Management System for Mobile Application – 2025 | [GitHub](#)**

Created a mobile app for Real time waste tracking with Firebase Auth and Firestore DB. Implemented real-time notifications and Google Maps integration for route optimization.

Technologies used – **Flutter (Dart), Firebase, Google Map SDK, Geolocator**

#### **2. Full-Stack Inventory Management system – 2025 | [GitHub](#)**

Developed a full-stack system enabling inventory CRUD operations with a normalized MySQL schema.

Technologies used - **React Vite, Tailwind CSS, Axios, Python Flask, SQL Server, Chart.js**

### **3. Employee Management CRUD works on AWS infrastructure – 2025 | [GitHub](#)**

A full-stack Employee Management CRUD application built with React and Spring Boot, works on AWS infrastructure for scalable performance.

Technologies used – **React Vite, Java, Spring boot, REST API**

### **4. Live Weather Application – 2025 | [GitHub](#)**

Developed a full-stack weather application with real-time weather data, intelligent caching, Auth0 authentication and modern glass morphism UI design.

Technologies used – **React Vite, Node.js, Express.js, Weather API, Auth0**

## **EXPERIENCE**

**Volunteer in CSSL Genz Chapter:** I joined the CSSL Genz Chapter in NSBM as a volunteer. (2024- 2025)

**Technical Writer at Medium:** Crafting clear, engaging content on programming and software development concepts.

## **REFERENCE**

Dr S.A.K.M Shafraz

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