Manujaya Rathnayake
Information System Undergraduate

Colombo, Sri Lanka

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SUMMARY

Third-year BSc (Hons) Management Information Systems student with strong interest in Software Engineering and Full-Stack Development. Strong interest in both data structures & algorithms, frontend and backend technologies and Agile/Scrum development. Experienced in problem-solving, teamwork, and fast self-learning. I'm looking for an internship to apply technical skills, contribute to real-world projects, and grow in a collaborative environment.

NSBM Green University – Sri Lanka	**Colombo, Sri Lanka**
BSc in Management Information System (special) - UGC(Reading)	2022 2026(Expected)
GPA: 3.21	
St. Anthony's College	**Kandy, Sri Lanka**
G.C.E. O/L and A/L Examination	2007 - 2020
Physical Science Stream	(Result – SSS)

TECHNICAL SKILLS

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

Frameworks & libraries: Spring Boot | React |Tailwind CSS |Nodejs | 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) | OOP| MVC Architecture | Agile Methodology

Soft Skills: Leadership | Adaptability |Communication | Problem- Solving | Time Management | Collaboration

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**
   Developed a comprehensive Flutter-based mobile application integrating residents, drivers, and city administrators. Implemented real-time GPS tracking, route management, issue reporting, special pickup requests, and an admin analytics dashboard to streamline waste collection operations and improve service efficiency.
   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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