



# Reshma Ruksala

## Data Science Undergraduate at SLIIT

Mobile No: +94721511145 | Email: reshmivithanage@gmail.com

LinkedIn: <https://www.linkedin.com/in/reshmi-ruksala-44b847326/>

GitHub: <https://github.com/Reshma-Ruksala> | Portfolio: <https://portfolio-reshmi.vercel.app/>

## SUMMARY

Highly motivated full-stack developer with strong backend and cloud skills. Experienced in building scalable web applications, Java-based systems, MERN platforms, and Android apps. Proven ability to work with international clients, deliver real-time systems, and collaborate in Agile environments. Fast learner with strong problem-solving skills and hands-on experience in AWS, Azure, and modern development tools.

## EDUCATION

### Sri Lanka Institute of Information Technology (SLIIT)

- BSc (Hons) Information Technology specializing in Data Science

### Institute of Software Engineering (IASE)

- Comprehensive Master Java Developer (CMJD)

### Sanghamiththa College, Galle, Sri Lanka

- GCE Advanced Level Examinations (GCE A/L) in Physical Science Stream (2C 1S)
- GCE Ordinary Level Examinations (GCE O/L) (8A 1B)

## TECHNICAL SKILLS

**Programming Languages:** Python, C, Kotlin, PHP, Java, C++, JavaScript, R

**Web Development:** React, Express.js, HTML, XML., Node.js, MongoDB, CSS, Tailwind CSS

**Frameworks:** React.js, MERN, .NET, Angular, Vue

**Cloud:** AWS, Azure, IBM Cloud

**Mobile Development:** Android Studio

**Databases:** SQL, MongoDB

**Tools and Platforms:** GitHub, Git, Jira, VS Code, Visual Studio, Android Studio, Postman, SQL Workbench

## SOFT SKILLS

Communication, Agile Teamwork, Problem Solving, Adaptability, Time Management, Leadership, Work Ethic

## PROJECTS

### Snazzy – Smart Shoe Store (Real-Time Web Application)

August 2025 – October 2025

Full-Stack Developer

Developed a real-time online shoe store web application for the ITP module, implementing core features such as Wishlist management, product browsing, orders, and promotions. Built a responsive front end and integrated backend functionalities to ensure a smooth and user-friendly experience.

- Tech: MERN Stack, Postman
- Skills: Full-stack development, real-time web application development, UI/UX design, API integration

### Portfolio Website

November 2025

Built and deployed a modern, fully responsive developer portfolio to showcase full-stack projects, technical skills, and experience, emphasizing clean UI/UX and professional layout.

- Tech: Vue.js, Vite, TypeScript, Git/GitHub, Vercel, Figma
- Skills: Front-end development, UI/UX design, full-stack project showcase

### **Library Management system**

**November 2025**

Developed a Library Management System with a CRUD book management, search functionality, toast notifications. Built a responsive React + TypeScript frontend integrated with an ASP.NET Core Web API backend using SQLite and Entity Framework Core.

- **Tech:** React, TypeScript, Vite, Axios, Tailwind CSS, ASP.NET Core Web API, C#, Entity Framework Core, SQLite
- **Skills:** Full-stack development, REST API integration, database design

### **Online Auction Platform (Java, JSP/Servlet, MVC, Tomcat)**

**February 2025 - April 2025**

Developed a full-stack online auction platform using Java Servlets, JSP, and MVC, enabling real-time bidding, secure post-auction processing, and a responsive front end.

- Tech: Java, JSP/Servlet, MVC, Apache Tomcat, HTML, CSS, JavaScript
- Skills: Full-stack development, MVC architecture implementation, web application design, real-time functionality, UI/UX design, secure transaction handling

### **BeWell+ – Daily Habit, Mood & Hydration Tracker (Android, Kotlin, MVVM)**

**October 2025**

Developed a mobile wellness app to track habits, moods, and water intake with an intuitive UI and interactive features using MVVM architecture.

- Tech: Kotlin, Android Studio, MVVM, Room/Shared Preferences, Live Data, Material Design
- Skills: Mobile app development, UI/UX design, data persistence, MVVM architecture

### **Hotel Reservation System for Weddings (Web Application)**

**August 2024 -November2024**

Built a web-based hotel reservation system to manage wedding bookings, allowing customers to search hotels, make reservations, and handle payments. Implemented a responsive interface and SQL database for storing bookings and customer information.

- Tech: HTML, CSS, JavaScript, SQL
- Skills: Web development, UI design, database integration, CRUD operations

## **CERTIFICATIONS**

IBM Full-Stack Cloud Developer Certification

Microsoft Azure Data Fundamentals (DP-900)

AWS Cloud Practitioner / AWS Developer Associate

AWS S3 Basics – Coursera Project Network

AI/ML Engineer – Stage 1 by SLIIT

AI/ML Engineer - Stage 2 by SLIIT

Microsoft Visual Studio Web Development Fundamentals by CODL University of Moratuwa

Python Programming by CODL University of Moratuwa

API Fundamentals Student Expert by Postman

Introduction to Web Development with ChatGPT – Simplilearn

## **EXTRA-CARIRICULAR ACTIVITIES**

Member of LEO club – SLIIT

Member of Sanghamiththa College IT Society

## **REFERENCES**

References can be furnished Upon Request.