



# Pulmi Vihansa

## Full Stack Developer

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GitHub: <https://github.com/pulli27> | Portfolio: <https://pulmivihansa-portfolio.vercel.app/>

## Professional Summary

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Data Science undergraduate at the Sri Lanka Institute of Information Technology (SLIIT) with hands-on experience in full-stack web and mobile application development. Proficient in JavaScript, TypeScript, React.js, Node.js, Express.js, MongoDB, and Kotlin, with a strong understanding of OOP, MVC architecture, RESTful APIs, and Agile development. Skilled in designing scalable, user-focused applications with clean and efficient code. A quick learner and collaborative team player, ready to contribute technical expertise to real-world projects.

## Technical Skills

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**Programming Languages:** Python, Java, JavaScript, TypeScript, C#, C++

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

**Frameworks & Libraries:** React.js, MERN Stack, React Native

**Cloud Platforms:** IBM Cloud

**Database:** SQL, MongoDB, SQLite

**Tools & Technologies:** Git, GitHub, VS Code, Visual Studio, Android Studio, Postman, SQL Workbench

**Development Practices:** RESTful API Development, MVC Architecture, Agile Methodology

## Professional Skills

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

## Projects

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### PackPal – Smart Bag Selling System

August 2025 – October 2025

*Full-Stack Developer*

Developed a full-stack e-commerce platform for selling smart travel bags, featuring secure user authentication, real-time inventory updates, product and finance management, and order tracking. Implemented a smooth checkout process with automated pricing and reporting, ensuring a reliable and user-friendly experience.

- Tech: MERN Stack, Postman
- Skills: Full-stack development, REST API development, database design, UI/UX design

### ZenTrack – Wellness & Habit Tracking Android App

October 2025

*Android Developer*

Developed a mobile wellness app to track habits, moods, and hydration with an intuitive UI and interactive features built using the MVVM architecture. Designed a minimal, user-friendly interface using Kotlin and Android Studio with local data persistence.

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

### Personal Portfolio Website

December 2025

Designed and built a responsive personal portfolio to showcase projects, achievements, and technical skills. Focused on clean design and smooth animations for better user engagement.

- Tech: TypeScript, React, Git/GitHub, Vercel
- Skills: Front-end development, responsive design, web animation

## **CrownCrest – Online Hotel Reservation System**

**February 2025 – April 2025**

### *Full-Stack Development*

Developed a hotel booking platform enabling real-time room availability checking, reservations, and secure user authentication. Integrated admin control for managing hotels, bookings, and pricing and database records using the MVC architecture.

- Tech: Java, JSP/Servlet, MVC, Apache Tomcat, HTML, CSS, JavaScript
- Skills: Full-stack development, MVC architecture implementation, secure authentication, database management, real-time functionality

## **ImmunizeHub – Online Vaccination Portal**

**August 2024 – September 2024**

### *Full-Stack Development*

Created a centralized web application for managing vaccination schedules, user registrations, and digital certificate issuance, improving efficiency and accessibility for patients and healthcare staff.

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

## **MicroWins – Productivity & Task Management Mobile App**

**September 2025**

### *Mobile App Developer*

Developed a productivity-focused mobile application that helps users set goals, manage tasks, and visualize progress. Designed an intuitive, user-friendly interface to enhance usability and engagement.

- Tech: Kotlin, Android Studio
- Skills: Android development, UI/UX design

## **Education**

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

- BSc (Hons) Information Technology specializing in Data Science (Undergraduate)

### **Sanghamiththa College, Galle, Sri Lanka**

- GCE Advanced Level (Physical Science Stream)
- GCE Ordinary Level

## **Certifications**

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Front-End Web Development & Angular Framework - University of Moratuwa

Python Programming - University of Moratuwa

Introduction to Career Skills in Data Analytics – LinkedIn Learning

Design a dream destination using Microsoft Copilot – Microsoft

Web Design for Beginners - University of Moratuwa

## **Extra Curriculum Activities**

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Member of Sanghamiththa College Senior Prefect Board

Member of Sanghamiththa College Senior Western Band

Member of Sanghamiththa College IT Society

Member of LEO club – SLIIT

## **References**

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References can be furnished Upon Request.