

Rochelle Wanniarachchi

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I am a passionate and fast-learning IT undergraduate at SLIIT, currently pursuing my degree in Information Technology. I'm driven by curiosity and a desire to grow in the web development field. With a strong eye for detail, a logical mindset, and a collaborative attitude, I enjoy finding creative, practical solutions to real-world problems.

EDUCATION

SLIIT- Faculty of Computing

Bachelor of Science Honors in Information Technology

2022 – Present

Newstead Girls' College - Negombo

GCE A/L 2020 (Physical Science) :
Combined Mathematics - C , Physics - S , Chemistry - S

2021

GCE O/L 2017 : Christianity - A , English Language - A , History - A , Music (Western) - A , ICT - A , Sinhala Language & Literature - A , Mathematics - A , Science - A , Business & Accounting Studies - B

2017

PROFESSIONAL EXPERIENCE

Church Management System – PHP, MySQL, JS

A web application developed to manage church activities, members, and administrative operations efficiently.

- Full CRUD for members, churches, and related records
- Secure authentication system with role-based access
- Admin panel for managing church data and content
- Dynamic PHP backend with MySQL database integration
- Organized database structure with SQL injection protection
- Responsive UI for smooth usage across devices

Higher Education Center – Laravel, MySQL, Bootstrap

A comprehensive web application developed to manage higher education institute operations, enabling teachers to manage profiles, upload academic papers, and interact through a modern, responsive platform.

- Role-based authentication system for teachers
- Teacher registration, login, and profile management with photo upload
- Academic paper upload and management (PDF, DOC, DOCX)
- Dedicated teacher dashboard with statistics and content management
- Public-facing pages for teachers, classes, papers, and institute information
- Secure file handling with validation and storage linking

PROJECTS

Villa & Tourist Accommodation Web Application - Laravel , MySQL

Developed a web application for a villa in Minuwangoda that provides accommodation, meals, and guided tours for foreign visitors.

- Implements CRUD operations to manage villa details, rooms, food packages, and tour itineraries using Laravel controllers and MySQL.
- Handles tourist bookings by storing selected accommodation options and itineraries in the database.
- Processes user requests through Laravel routes and MVC architecture to display dynamic content.
- Provides an admin dashboard to update services, manage bookings, and maintain tourist records.

Salon Booking System – PHP, MySQL

An online system for salon appointment booking and customer interaction.

- Customer appointment scheduling
- Inquiry/contact message management
- Admin photo gallery upload module
- Fully responsive layout for all screen sizes
- Smooth, clean, user-friendly interface

Skillmatch Pro - Node.js, Express, React, MySQL

An online system for personnel skills management and intelligent project matching.

- Personnel management with skill tracking and proficiency levels
- Intelligent skill-to-project matching algorithm
- Project requirement management and skill gap analysis
- Resource utilization dashboard with visual analytics
- Fully responsive layout for all screen sizes
- Smooth, clean, user-friendly interface

Car Rental System – MERN + TypeScript A full-stack platform for car searching, booking, and rental management.

- JWT-based authentication
- Real-time availability checking
- Advanced car filtering (brand, model, price, type)
- Admin dashboard for booking & car management
- REST APIs with validation & error handling
- Responsive React UI with Bootstrap

Car Wash Management System – MERN

A management system that automates bookings, payments, and car wash operations.

- Node.js + Express secure API architecture
- MongoDB for scalable data storage
- User & Admin dashboards with real-time updates
- Redux for efficient state management
- Deployed on Render for cloud accessibility
- Modern responsive UI

FitLife – Personal Fitness Tracker – Laravel + MySQL

A web-based fitness management platform that helps users track their progress and improve their daily health habits.

- Developed a Laravel-based application for managing daily fitness routines
- Includes workout logging, calorie tracking, step counting, and water intake reminders
- Provides personalized health tips and goal-setting features
- Offers motivational badges to enhance user engagement
- Utilizes Laravel and MySQL for efficient backend processing and data management

Dwello Estate Management System – Laravel 10, Tailwind CSS

A full-featured real estate platform built with Laravel to manage properties, agents, customers, and inquiries in a modern, responsive interface.

- Property browsing, search, and detailed listings
- User roles for visitors, users, and admins
- Inquiry & messaging system for buyers
- Admin dashboard to manage users, properties, and agents
- Built with Laravel 10, Tailwind, MySQL, and secure auth

Pet Adoption Web App – PHP, MySQL, AJAX

A platform that connects pets with adopters through a secure and interactive workflow.

- User login, registration & role-based access
- Browse pets with advanced filtering (species, size, age)
- Adoption request submission + admin approval AJAX-based forms for fast interactions
- Mobile-friendly responsive UI Secure database operations with prepared statements

SKILLS

- **Programming Languages :** JavaScript, TypeScript, PHP, HTML, CSS
- **Frameworks & Libraries :** React, React Native, Next.js, Laravel, Spring Boot
- **Databases :** MySQL, MongoDB
- **Web Technologies :** Node.js, REST APIs, Firebase
- **Tools :** Git, GitHub, Figma, Canva, Postman, Docker

CERTIFICATES

- Foundations of Project Management - Google
- Diploma In Project Management - Alison
- Front-End Web Development - Certificate (University of Moratuwa)
- Introduction to Modern AI - Certificate (Cisco Networking Academy)

REFERENCES

Prof. Koliya Pulasinghe, Senior Professor, Faculty of Computing | Information Technology, SLIIT
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Mr. S. M. B. Harshanath, Lecturer, Faculty of Computing | Software Engineering, SLIIT
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