

Wathsika Pallimulla

Intern Software Engineer

Phone: +94 70 4583 306 | **Mail:** wathsikapallimulla@gmail.com

LinkedIn: <https://www.linkedin.com/in/wathsika-pallimulla-266242344/>

GitHub: <https://github.com/Wathsika> | **Portfolio:** <https://wathsikapallimullaportfolio.vercel.app/>

SUMMARY

I am a dedicated Software Engineering undergraduate at SLIIT (GPA: 3.33) with a strong technical foundation in Full-Stack development using Java and the MERN stack. Through various collaborative academic projects, I have developed a proven ability to deliver functional, user-centric solutions while maintaining a commitment to teamwork, clean code, and efficient problem-solving. I am currently seeking a Software Engineering Internship to leverage my technical expertise and contribute to the development of innovative, high-impact software systems.

EDUCATION

Sri Lanka Institute of Information Technology, Malabe, Sri Lanka

2023 October - Present

BSc (Hons) in Information Technology, specializing in Software Engineering

GPA: 3.33 (first four semesters); Expected Graduation: October 2027

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management, Mobile App Development

Vijayaba College, Hungama, Sri Lanka

2008 - 2021

G.C.E O/L and A/L Examination - Physical Science

SKILLS

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

Mobile Development: Android Studio, Kotlin

Databases: MySQL, MongoDB

Tools and Platforms: Eclipse, VS Code, GitHub, Postman, Visual Studio., Figma, Git

Other Skills: Data Structures, Algorithms, OOP, RESTful APIs

Soft Skills:

Communication, Teamwork, Problem Solving, Adaptability, Time Management, Leadership, Work Ethic, Attention to Detail

PROJECTS

Smart Farm Management System - MERN Stack

August 2025 - November 2025

[Live](#) | [GitHub](#)

- Developed a **Full-Stack web application** to streamline farm operations, featuring a centralized dashboard for resource tracking.
- Integrated **Google OAuth 2.0** for secure, streamlined user authentication and role-based access control.
- Implemented a **Payment Gateway** using **Stripe API** to handle secure digital transactions for farm supplies and services.
- Managed cloud-based media storage by integrating **Cloudinary** for efficient image uploading and retrieval of crop health reports.
- Collaborated with a team using **Git** for version control, ensuring seamless integration of features through code reviews and modular development.

Online Food Ordering System - JAVA(OOP)

March 2025 - June 2025

[Live](#) | [GitHub](#)

- Developed a **Full-Stack Enterprise application** utilizing **MVC Architecture** to simulate real-world restaurant operations and order management.
- Engineered a **Session-based Cart System** integrated with user profiles, enabling persistent quantity management and data integrity.
- Implemented a **Role-Based Access Control** module for secure employee and admin management, ensuring sensitive data protection.
- Built an automated **Invoice Generation System** with integrated payment processing, allowing users to download transaction receipts.
- Developed a **Real-time Order Tracking** module with a dedicated administrative dashboard for status updates and customer feedback management.
- Leveraged **MySQL** for relational database management and **Tailwind CSS** for a responsive, modern user interface.

Online Movie Booking System

September 2024 - November 2024

[Live](#) | [GitHub](#)

- Developed a **Full-Stack reservation platform** with a **PHP-based backend** featuring a dynamic seat selection engine and a real-time locking mechanism.
- Engineered an **automated digital ticketing system** that generates and dispatches unique **QR codes** via email upon successful transaction.
- Integrated a **Secure Payment Gateway** supporting multiple payment methods, ensuring encrypted data handling for user transactions.
- Designed a **comprehensive Admin Dashboard** featuring real-time analytics and management tools for movies, schedules, and role-based user accounts.
- Implemented a **Relational Database (MySQL)** to manage complex data structures for bookings, cinema layouts, and customer reviews.
- Built an interactive **user engagement module** allowing for movie ratings and reviews, enhancing the platform's social features.

LEADERSHIP & VOLUNTEERING

CERTIFICATIONS

Python for Beginners

University of Moratuwa

Postman API Fundamentals

Postman

REFERENCES

Mr. Amila Senarathne

Head - Industry Engagement Unit

Senior Lecturer - Department of Computer Systems Engineering

Manager - SLIIT CISCO Academy

Faculty of Computing

SLIIT | Malabe Campus

Email: amila.n@slit.lk

Mobile : +94 71 813 0732
