

WATHSIKA PALLIMULLA

Software Engineering Undergraduate

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PROFESSIONAL SUMMARY

Dedicated Software Engineering undergraduate at SLIIT with expertise in full-stack development and a passion for building scalable, user-centric web applications. Experienced in MERN stack development, DevOps automation, and AI integration. Seeking internship opportunities to apply technical expertise in architecting intelligent, scalable solutions with focus on high-performance cloud infrastructure.

EDUCATION

Bachelor of Science (Hons) in Information Technology

Specializing in Software Engineering

Sri Lanka Institute of Information Technology (SLIIT)

2022 - Present

Current GPA: 3.33

G.C.E. Advanced Level - Physical Science Stream

Passed with Physics, Combined Mathematics, and Chemistry

TECHNICAL SKILLS

Frontend Development: React, JavaScript, Tailwind CSS, HTML, CSS

Backend Development: Node.js, Java, Python, C/C++, PHP

Database Management: SQL, MongoDB, PostgreSQL

DevOps & Tools: Git, Docker, GitHub Actions, Postman, AI Tools

PROJECTS

MERN Stack E-Commerce Platform

Technologies: MongoDB, Express, React, Node.js

- Developed a complete e-commerce platform with full-stack capabilities
- Implemented user authentication and authorization system with secure login
- Created product management system with cart functionality and payment gateway integration
- Designed and implemented RESTful APIs for seamless frontend-backend communication

AI Reminder Bot – Containerized Discord Assistant

Technologies: Python, Discord API, Docker, GitHub Actions, PostgreSQL, Gemini AI

- Designed containerized multi-service architecture using Docker and Docker Compose
- Built automated CI/CD pipeline with GitHub Actions for continuous deployment
- Integrated AI-powered natural language processing for task management and reminders
- Implemented persistent storage with PostgreSQL and automated scheduling system

Online Food Ordering System

Technologies: Java, JSP, Servlets, MySQL

- Built Java Servlet-based application simulating restaurant operations
- Developed menu browsing system with dynamic content loading
- Implemented order placement and invoice generation functionality with MySQL database integration

Movie Booking System

Technologies: PHP, JavaScript, MySQL, HTML/CSS

- Designed comprehensive cinema reservation platform with user-friendly interface
- Implemented dynamic seat selection system with real-time availability updates
- Created admin dashboard for management operations and booking history tracking

CERTIFICATIONS

- Postman API Fundamentals - Postman Student Expert (Verified Credential)
- Python for Beginners - University of Moratuwa (Verified Credential)

CAREER OBJECTIVES

Aspiring to become a Full-Stack Architect with expertise in AI-integrated web solutions and high-performance cloud infrastructure. Deeply interested in MERN Stack development, DevOps automation, and exploring the potential of Large Language Models (LLMs) in software workflows.