



THILINI PRIYANGIKA

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Aug 2021 - Present

UVA WELLASSA UNIVERSITY, BADULLA

B.Sc.(Hons) Computer Science
and technology degree (Current
GPA: 3.62)

Aug 2015 - Aug 2018

ROYAL COLLEGE, MONARAGALA

GCE Advanced Level

TECHNICAL EXPOSURE

PROGRAMMING LANGUAGES

- JavaScript
- PHP
- Java
- Python

FRAMEWORKS & LIBRARIES

- ReactJS
- Spring Boot
- Laravel
- Django
- Tailwind CSS

PROFILE

I am a Computer Science undergraduate at Uva Wellassa University with strong programming skills and a passion for mobile app development and emerging technologies, aiming to solve real-world challenges through impactful projects.

RESEARCH AND PROJECTS

- Automated Detection of Defects and Grading of Chicken Egg Quality Using the Candling Method, Image Processing and Machine Learning. (2024 - Ongoing Research)**
 - Used technologies: **Machine Learning, Image Processing, SVM**

LibrarySystem

1st Year Group Project

Library management system simplifies user, book & magazine management, leveraging technology to enhance efficiency and save time.

- Used technologies: **Java (OOP Concept), JavaFX, MySQL**

Online Book Store (ReadIt)

2nd Year Group Project

Developed features including adding a new book, editing book details, deleting books, and borrowing books.

- Used technologies: **HTML, PHP, JavaScript, Bootstrap, CSS**

University-Event-Management-System

2nd Year Group Project

This system streamlines event management with a calendar for conflict-free coordination and project planning.

- Used technologies: **HTML, CSS, Bootstrap, JavaScript, PHP, MySQL**

Calculator App

2nd Year Individual Project

Swing-based calculator application, generated using the NetBeans GUI Builder.

- Used technologies: **JavaScript, Bootstrap, CSS**

Inventory Management System (InfinitraX)

3rd Year Group Project

InfinitraX is a comprehensive inventory management system that automates product tracking, order management, and stock monitoring for efficient and accurate inventory control.

- Used technologies: **Django, ReactJS**

Expense management mobile application (Xpendy)

3rd Year Group Project

Xpendy is an expense management mobile app designed to help users track their spending and categorize expenses for better financial management.

- Used technologies: **Kotlin**

DATABASES

- MySQL
- MongoDB

TESTING TOOLS

- Postman

DIAGRAMMING & DESIGN TOOLS

- Lucidchart
- Draw.io
- Figma

CLOUD PLATFORMS

- AWS

GENERAL SKILLS

- Analytical Skill
- Critical Thinking
- Time Management
- Oral and Written Communication
- Teamwork

LANGUAGES

- English
- Sinhala

INTEREST

- Web Development
- Software Engineering
- Quality Assurance Engineering

🔗 Grade calculator

3rd Year Individual Project

Grade-Calculator is a simple and intuitive Kotlin app that helps students track academic performance by calculating final grades from subject scores.

- Used technologies: **Kotlin**

🔗 IEEE Student branch operation platform (Backend)

🔗 (Frontend)

3rd Year Group Project

This project streamlines the IEEE Student Branch's operations by integrating project management, financial tracking, and volunteer oversight into a unified platform, replacing inefficient manual methods.

- Used technologies: **Nextjs, Spring boot**

ACHIEVEMENTS

- Dean List (2021)
- **1st RUNNER UP** 🏆 of **_Shecoderess<V 5.0>**

Girls-only hackathon around all universities organized by Women in Engineering Affinity Group UWU

EXTRACURRICULAR ACTIVITIES

- Member of WIE affinity group UWU
- Member of Computer Society of Uva Wellassa University
- Member of the Art Club of Uva Wellassa University
- Showcased my linguistic prowess by participating and excelling in English and Sinhala competitions at zonal and provincial levels

LICENSES & CERTIFICATES

- Coursera | Introduction to Basic Game Development using Scratch
- Coursera | Machine Learning Pipelines with Azure ML Studio
- Udemy | Master Laravel 9, Vue 3 & Inertia Fullstack 2023
- Web design for beginners University of Moratuwa
- Cisco Networking Academy | Introduction to Cybersecurity
- Alison | Microsoft Azure Administrator
- SLIIT | AI/ML Engineer

REFERENCE

Prof. E. M. U. W. J. B. Ekanayake

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