



KISANDU WETHMAL

SOFTWARE ENGINEERING UNDERGRADUATE

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Kandana, Sri Lanka



PROFILE

Enthusiastic and motivated Software Engineering Undergraduate / Intern with hands-on experience in developing web and mobile applications using **React, Node.js, Spring Boot, PHP, Java, and Android Studio**. Strong foundation in building scalable front-end interfaces, RESTful APIs, microservices, and database-driven systems using MySQL. Familiar with cloud integration, UI/UX best practices, and software development life cycle (SDLC). Proven ability to solve problems, work collaboratively in agile teams, and deliver clean, maintainable, and efficient code. Quick learner with a strong passion for applying technical and analytical skills to real-world software solutions.

SKILLS

- Programming Languages:** Python, Java, C#, JavaScript, HTML, SQL, PHP
- Web Technologies:** React.js, Node.js, Spring Boot
- Mobile Technologies:** React Native
- Databases:** MySQL, MS SQL, PostgreSQL, Firebase, MongoDB
- UI Design – Figma**
- Tools:** Git, Postman, Visual Studio, Visual Studio Code, IntelliJ IDEA, Android Studio
- Soft & Transferable Skills:** Problem solving, Task & priority management, Teamwork & collaboration, Communication, Research & learning ability



EDUCATION

BSc (Hons) in Software Engineering

2023 - Present

School of Computing | Coventry University London

Current GPA: 3.82 / 4.00

BSc (Hons) in Health Information and Communication Technology

2022 - On Hold

School of Computing| GWUIM| University of Kelaniya

Year 1 GPA: 3.45 / 4.00

Advanced Diploma in Software Engineering

2022 - 2024

School of Computing | National Institute Of Business Management

GPA: 3.64 / 4.00

Assured Diploma in Information Technology

2020 - 2021

School of Computing | Esoft Metro Campus

GPA: 3.50 / 4.00



PROJECTS

Altura Grand - Hotel Management System

Java Spring Boot - React JS - Microservice

- Developed a full-stack, microservices-based hotel management system using Spring Boot and React.js, integrating RESTful APIs and MySQL to deliver a scalable, modular, and user-friendly enterprise application.

Statok - Hotel Management System

SQLite – Oracle Database – PL/SQL – SQL – PHP – HTML – CSS

- Developed a dual-database Personal Finance Management System using SQLite for offline storage and Oracle Database for centralized analytics, implementing PL/SQL triggers, stored procedures, and materialized views, data synchronization with conflict resolution, secure financial data handling, and analytical reports for expenses, budgets, and savings forecasts.

Pizza Mania - Android Mobile Application

Android Studio (Java) – SQLite – Maps API – Firebase – REST APIs

- Developed a full-featured Android restaurant application using Java (Android Studio) with SQLite, Firebase, REST APIs, and Google Maps API, enabling online ordering, live chat, real-time order tracking, branch-based routing, and restaurant-side order and menu management with a clean, user-friendly UI.

Nature Ceylon - eCommerce Website

HTML5 - CSS - Bootstrap - MySQL - PHP

- Developed Nature Ceylon, a comprehensive tea outlet system with a customer-facing website and admin panel, using HTML5, CSS, Bootstrap, PHP and MySQL. Implemented features for online product browsing and purchasing, inventory management, order processing, and customer engagement, delivering a user-friendly and efficient web solution.

Vertix - Desktop ERP System

C# - .NET - Crystal Reports - Microsoft SQL

- Developed a Windows desktop ERP application for employee, sales, inventory, and report management using C# and .NET. Integrated MS SQL Server database and Crystal Reports for analytical reporting, enabling efficient data management, real-time tracking, and business process automation.



WORK EXPERIENCE

ICT Teacher

Self-Employed

2023 - 2025

- Provided ICT theory and programming lessons to school students, creating personalized exercises and mini-projects.
- Developed communication, mentoring, and problem-solving skills, transferable to software development roles.

INTERESTS

- Software Development & Programming
- Web & Mobile App Development
- Full-Stack Development
- Database Design & Management
- UI/UX Design & Human-Computer Interaction

COURSES

Oracle Data Platform 2025 Certified Foundations Associate - Oracle

- Learned the basics of Oracle data platform, cloud services, and data management principles, gaining foundational skills in databases and analytics.

Machine Learning Terminology and Process - AWS

- Acquired knowledge of key machine learning concepts, terminology, and workflow, including model building, training, and deployment using AWS tools.

Web Design for Beginners - University of Moratuwa

- Covered HTML, CSS, responsive layouts, and UI/UX basics, developing practical skills in building visually appealing websites.

Introduction to Microsoft Azure - Microsoft

- Learned cloud computing fundamentals, Azure services, and deployment concepts, gaining hands-on experience in cloud-based applications.

REFERENCE

Mrs. Chandula Rajapaksa

Consultant/Lecturer

School of Computing

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Mrs.Bhagya Hapuarachchi

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