



VINDIYA WICKRAMATHUNGA

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

I am a hardworking, dedicated and reliable final year Software Engineering undergraduate from Informatics Institute of Technology, Sri Lanka, with strong problem solving and project management skills. I am interested in Full-Stack Development and AI Engineering. A team man with leadership, analytic and presentation skills combined with a strong work ethic.

ACADEMIC BACKGROUND

INFORMATICS INSTITUTE OF TECHNOLOGY (UNIVERSITY OF WESTMINSTER)

2021 - 2025

BEng (Hons) Software Engineering , University of Westminster
All academic requirements completed: final classification pending

LYCEUM INTERNATIONAL SCHOOL - RATNAPURA

2007 - 2021

- Cambridge GCE Advanced Level (Science Stream) | 2021
- Cambridge GCE Ordinary Level (Science Stream) | 2019

CAREER HISTORY

FULL-STACK DEVELOPER

Jun 2023 - May 2024

SRI LANKA TELECOM (DIGITAL PLATFORM)

- Led the development of a robust ASP.NET MVC application.
- Built backend logic and custom data access layers with SQL queries.
- Contributed to .NET Core project for building user-friendly Razor views and backend logic.

FULL-STACK DEVELOPER

2024 - Present

CBL RITZBURY DISTRIBUTOR (RATNAPURA & KURUWITA)

- Developed applications for Ritzbury Distributor for managing stocks, distribution and finances.
- Maintaining developed systems and troubleshooting user errors.
- Applications developed using React & SQL for queries.

SKILLS

TECHNICAL SKILLS

- C#, Python, JavaScript, PHP
- .NET, Flask
- MERN Stack
- Software Engineering (backend/frontend)
- HTML5, CSS, SQL, PostgreSQL
- Git, GitHub, Bitbucket, VS, VS Code
- AI Development

SOFT SKILLS

- Problem-Solving
- Communication
- Teamwork
- Leadership
- Project management

PROJECTS

PLANT-EASE: AN EXPLAINABLE AI APPROACH FOR CINNAMON DISEASE DETECTION

Developed a deep learning-based plant disease detection system leveraging HiRes-CAM for enhanced explainability. Implemented using a custom CNN model, with a user-friendly interface for real-time predictions and visualization of model explanations.

LTC DISTRIBUTOR'S

Developed a comprehensive customer and credit management web application for the Lellopitiya Trade Center (LTC), incorporating customer registration, vehicle tracking, billing, and cheque management features using a PostgreSQL database, Express.js backend, and React.js frontend.

GEM INVENTORY

A web-based inventory management system for gemstones, built with Next.js frontend and Flask backend, integrated with MySQL. Features include recording purchases, handling multi-step workflows (buy, cut, color, sell), and intuitive forms with file upload support.

AWARDS & ACHIEVEMENTS

- ICTIS New York 2025 Conference Presenter for PLANT-EASE project.
- PLANT-EASE Research awaiting publication in Springer proceedings.

REFERENCES

MR. JANAKA HARAMBEARACHCHI

General Manager
Sri Lanka Telecom - Digital Platform
jana@slt.com.lk

MR. PRABHATH PUPULAWATTE,

Assistant General Manager (Plant),
LANKATILES, St.James Estate, Jaltara, Ranala, Sri Lanka, Oprabhath@lankatiles.co