



Raveen Rajapaksha

 raveenchandima@gmail.com

 +94778842208

 Colombo

 Portfolio

 LinkedIn

 GitHub



PROFILE

A Computer Science undergraduate with a solid foundation in software development and networking. Experienced in programming and curating software solutions across diverse domains.

EDUCATION

B.Sc. (Hons) in Computer Science & Technology

Uva Wellassa University of Sri Lanka

| CGPA 3.71 / 4.00 |

2021 – present
Badulla, Sri Lanka

G.C.E. Advanced Level (Physical Science stream)

Ranabima Royal College

2009 – 2018
Kandy, Sri Lanka

PROJECTS

The Villa Hotel

05/2024 – 09/2024

Hotel and Restaurant Management System

A web application that enhance the user experience, making it more intuitive and enjoyable through a comprehensive and integrated approach to room, table, and food reservations.

The web solution consists of advanced features like:

- Room placements in a 3D hotel structure.
- Online Table Reservations with 3D Dining Area Plan
- Immersive 360° interior view of rooms.
- NLP Based Chat Bot Tour Guide Assistant

Tailwind CSS, Next.js with TypeScript, Neon PostgreSQL, Auth.js, React Three Fiber & Three.js, Google DialogFlow

BoQ Master

05/2023 – 11/2023

Bill of Quantities (BoQ) system for construction.

A revolutionary platform that provides a comprehensive understanding of raw materials and associated costs for construction projects.

Consists of key features such as:

- Clients can tailor their projects by choosing from predefined designs or by providing their own.
- Transparent Pricing: Costs are calculated accurately, including material quantities and associated expenses.
- Professional Collaboration: Seamless communication between clients and experts.

React.js, Tailwind CSS, PHP, MySQL

Kitchen Master

01/2024 – 03/2024

A Recipe Website

Developed an interactive recipe platform that allows users to explore, share, and customize various recipes. Integrated back-end technologies to support dynamic content, user authentication, and real-time updates.

- User-friendly interface with advanced search capabilities, ingredient-based filters, and personalized recommendations.
- Can share culinary creations and explore diverse recipes.
- Admins can easily manage everything from the backend.

React, Tailwind CSS, Python with Django

Developed a simple quiz system for students, which provide an accessible and organized platform that supports academic needs effectively.

Consists of features like:

- CRUD operations allow students to take self-tests, quizzes, and explore extensive library resources.
- Provided comprehensive study materials and academic support through an accessible and organized system.

HTML, CSS, JavaScript, Bootstrap, PHP

RESEARCH PROJECT

A Deep Learning approach for Detecting and Mitigating Mental Health Conditions through a User-Centered Interactive Interface

10/2024 – present

A system, based on a deep learning model and a knowledge based recommendation system which can detect mental states such as Normal, Depression, Anxiety, Attention Deficit Hyperactivity Disorder, Bi-Polar, Borderline Personality Disorder and Post Traumatic Stress Disorder. The system collects user inputs through an application featuring questionnaires and analyzes the responses to provide tailored mental health insights and recommendations.

Google Colab, Jupyter Notebook, TensorFlow, Keras, Python 3.x, Django

CERTIFICATES

Python Essentials 2

Issued by Cisco, in collaboration with OpenEDG Python Institute.

Front-End Web Development

Centre for Open & Distance Learning CODL, University of Moratuwa

CCNA: Introduction to Networks

Offered by Information Technology Center, University of Peradeniya through the Cisco Networking academy program.

Linux Unhatched

Issued by Cisco, In collaboration with the Network Development Group.

SKILLS

Technical Skills:

HTML | CSS | React | TailwindCSS | Next.js | PHP | Python | Java | JavaScript | Bootstrap | MySQL | PostgreSQL | Code management | GitHub

Soft Skills:

Communication, Adaptability, Problem Solving, Team Work, Time Management, Creativity

LANGUAGES

English



Sinhala



VOLUNTEERING

IEEE Uva Wellassa University Student Branch

Member

Leo Club Of Uva Wellassa University

Member

REFERENCES

Mr. M.N.T. Nandasena, Lecturer,

Department of Computer Science and Informatics, Faculty of Applied Sciences, Uva Wellassa University of Sri Lanka, Badulla.

nisal@uwu.ac.lk, 0711059530

Mr. D.G.K.P.Kumara, Software Engineer, Kayjay Group, No 618, Aluthmawatha Rd, Colombo 15

kavinduprasad@gmail.com, 0756833443