YASITH ERANDA

SOFTWARE ENGINEER ENTHUSIAST

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EDUCATION

B.Sc. (Honours) in Computer Science and Technology
Uva Wellassa University of Sri Lanka
09/2021 Present

Bachelors of Information Technology
University of Colombo School of Computing
02/2020 Present

G.C.E. (A/L) Examination (Physical Science Stream)
Siridhamma College Galle, Sri Lanka
08/2019

EXPERIENCE

Trainee Back-end Developer
10/2023 - 10/2024
Uva Wellassa University of Sri Lanka (CSI Dev Team) - Contract, On-site

Web Developer
06/2024 12/2024
Sukie Ceylon - Part-time, Remote

Associate – Production
05/2021 10/2021
Innodata - Contract, Remote

PROJECTS

Final Year Research
10/2024 Present
AI Enhanced Prediction Models to Explore Reproductive Adaptations in Cluster-Living Arthropods: A Case Study in Haplodiploid Spider Mites.

Artificial Intelligence, Computer Vision

WebEase - Dynamic Web Solutions
05/2024 - 10/2024
Tailored Websites with Streamlined Maintenance for Freelancers and Tourist Guides. This solution offers owners customizable UI, order management, communication management, and comprehensive content management for their websites.

Next.js, Tailwind CSS, Express.js, MongoDB, OpenAI API(DALL·E), Figma

Industrial Training Management System - CSI DevTeam
02/2024 - 10/2034
'ITMS' is an efficient platform for managing industrial training for final-year Computer Science and Informatics students at Uva Wellassa University. It provides a responsive interface to track progress, submit reports, and coordinate training activities seamlessly.

React, Tailwind CSS, Laravel, MySQL

MIS for BIT External Degree Program - CSI DevTeam
10/2023 - 01/2024
Management Information System (MIS) for the Bachelor of Information Technology (BIT) external degree program at Uva Wellassa University.

React, Tailwind CSS, PHP, MySQL, Figma

ABOUT ME

I am a Computer Science and Technology undergraduate at Uva Wellassa University of Sri Lanka with a focus on software engineering and eager to gain experience in the industrial world. I am passionate about designing and developing robust, scalable, and efficient software systems. My experience includes working on various projects that involve software development, testing, and optimization. I continuously strive to improve my coding skills and stay updated with the latest industry trends and best practices. I enjoy collaborating with teams to create high-quality software that addresses real-world challenges.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES
Java, Python, Typescript, PHP, JavaScript, C

FRONTEND TECHNOLOGIES
React, Next.js, Tailwind CSS, Bootstrap

BACKEND TECHNOLOGIES
Node.js, Express.js, Laravel, Spring, Django

DATABASES
MySQL, MongoDB, PostgreSQL

DEVOPS & CLOUD TECHNOLOGIES
Git, GitHub Actions, Docker, Kubernetes, Azure, AWS, Firebase

AI/ML
Tensorflow, Keras, Scikit-Learn, OpenCV, pandas, NumPy, Matlab, OpenAI API

TECHNICAL TOOLS & SOFTWARE
IntelliJ IDEA, PyCharm, Android Studio, Postman, Linux, WordPress, Figma

SYSTEM/OPERATIONS
Bash, Shell Scripting

CERTIFICATION

Career Essentials in Generative AI by Microsoft and LinkedIn
November 2, 2024

Career Essentials in Data Analysis by Microsoft and LinkedIn
Reading

PROJECTS

Lockit - Bicycle Security System
10/2023 - 01/2024

Our pioneering bicycle security system, featuring both a mobile app and a web interface, combines fingerprint authentication, GPS tracking, and LTE communication, leveraging IoT concepts.

Android Studio, Kotlin, Arduino, OpenAI API , React , Node js, MongoDB, Figma

BIDWIZ2.0 - Auction Site
10/2023 - 01/2024

BidWiz is an online auction website that provides a platform for users to bid on a wide range of products and items.

React, Tailwind CSS, Django, MySQL

BoQ Master - BoQ Generating Web Application
05/2023 - 09/2023

This system enables users to gain a rough estimate for their construction projects. This solution provides detailed insights into material quantities, specifications, and costs.

React, Tailwind CSS, PHP, MySQL

TOKEN G10 - Token Generating APP
05/2022 - 09/2022

Amid Sri Lanka's severe economic crisis, exacerbated by a foreign currency shortage leading to increased prices and inflation, this app provides tokens and accounts integrated with an inventory of relevant products and a real-time updated database.

Java, JavaFX, Hibernate

VOLUNTEERING ACTIVITIES

Web Developer
05/2024 Present

IEEE Power and Energy Society

Video Editor
03/2024 Present

IEEE Sri Lanka Section Student Activity Committee

Technical Team Lead
05/2024 Present

FOSS Community (UWU)

Creative Content Coordinator
03/2023 05/2024

IEEE Sri Lanka Section Student Activity Committee

Director -Public Relations and Digital Services Avenue
06/2023 06/2024

Rotaract Club of Uva Wellassa University

IEEXtreme 17.0 Ambassadors
2023

IEEE Uva Wellassa University Student Branch

Assistant Editor
01/2023 01/2024

IEEE Uva Wellassa University Student Branch

EXTRACURRICULAR ACTIVITIES

Member
10/2022 12/2023

Karate Team - Uva Wellassa University

Member
01/2023 12/2023

Swiming Team - Uva Wellassa University

KEY ACHIEVEMENTS

IEEEXtreme 16.0 - 2022
Rank 77 (Sri Lanka)
- Python, Java

1st Runner Up - Varsity Battle 2023 Capital Market Quiz Competition
- Quizzing, Teamwork, General Knowledge

SOFT SKILLS

- Communication
- Teamwork
- Problem- Solving
- Adaptability
- Time Management
- Critical Thinking
- Leadership
- Collaboration
- Continuous Learning

INTEREST

- Artificial Intelligence
- Web Application Development
- Mobile Development Mobile
- IoT
- Generative AI
- Cloud Computing

LANGUAGES

- Sinhala (Native)
- English

REFERENCE

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