

NUREKA RODRIGO

Software Engineer

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Homagama, Sri Lanka



EXPERIENCE

Trainee Back-end Developer

CSI DevTeam

10/2023 - 10/2024 Badulla, Sri Lanka

- Led a team of 10 professionals across diverse roles, ensuring seamless project execution and on-time delivery.
- Designed and implemented backend logic for internal and external projects, ensuring robust, scalable, and maintainable code.
- Contributed to project planning, conducting detailed requirement analysis and documentation to align with project goals.
- Performed code reviews, identifying issues and suggesting improvements to ensure high-quality, reliable, and efficient deliverables.

EDUCATION

Bachelor of Science Honors in Computer Science & Technology

Uva Wellassa University of Sri Lanka

09/2021 - 09/2025 Badulla, Sri Lanka

- Current GPA: 3.87

Diploma in Network Engineering

National Institute of Business Management

01/2023 - 01/2024 Colombo 07, Sri Lanka

- Final GPA: 3.83

G.C.E. Advanced Level

Ananda College

01/2018 - 01/2019 Colombo 10, Sri Lanka

- 3C's (Biological Sciences Stream)

G.C.E. Ordinary Level

Mahanama College

01/2005 - 01/2016 Colombo 03, Sri Lanka

- 9A's

PROJECTS

Wildlife-Circle USJP

04/2024 - 08/2024

wildlifecircle.org/

HTML, CSS, JavaScript, PHP, MySQL, React.js, Vite, Tailwind CSS, Laravel

- Developed a dynamic web application to streamline operations for the Wildlife Circle at the University of Sri Jayewardenepura.
- Implemented user authentication with features such as registration, login, and password reset, for a secure and user-friendly experience.
- Developed product management and blog functionalities, enabling users to view and engage with product listings and blog posts
- Created News, Projects, and Gallery pages, providing users with timely information and a visually appealing platform to explore wildlife-related content.
- Added light and dark theme toggling, ensuring better accessibility and personalization for users.

SUMMARY

Passionate Software Engineer with a strong foundation in computer networks, cybersecurity, and backend development. Skilled in implementing efficient, scalable solutions, and experienced in leading teams through project execution, planning, and requirement analysis. Proficient in various programming languages and frameworks, with a keen interest in exploring new technologies. Excellent problem-solving abilities and a logical, systematic approach to challenges. Committed to delivering high-quality software solutions that meet client needs and enhance user experience

SKILLS

HTML

CSS

JavaScript

PHP

Java

C

TypeScript

Python

Kotlin

Bootstrap

Tailwind CSS

React.js

Next.js

Express

Spring

Django

Laravel

Node.js

REST

GraphQL

MySQL

Microsoft SQL Server

MongoDB

LANGUAGES

English

Proficient



Sinhala

Native



CERTIFICATES

CCNA: Introduction to Networks

Cisco

CCNA: Switching, Routing, and Wireless Essentials

Cisco

PROJECTS

Industrial Training Management System | ITMS-CSI

📅 01/2024 - 09/2024

HTML, CSS, JavaScript, PHP, MySQL, React.js, Vite, Tailwind CSS, Laravel

- **Developed a comprehensive system** to manage and streamline the industrial training process for final-year students at the Department of Computer Science and Informatics, Uva Wellassa University.
- **Designed and implemented customizable CV management**, allowing students to create, manage, and export personalized CVs in PDF format, and apply them for available job positions.
- **Built an administrative dashboard**, empowering staff to manage users, system variables, global CV settings, and oversee student CVs efficiently.
- **Collaborated with a cross-functional team**, ensuring smooth coordination between backend and frontend development, resulting in a cohesive and user-friendly platform.
- **Added light and dark theme toggling**, ensuring better accessibility and personalization for users.

Cryptography Playground | Crypt-It

📅 08/2024 - 08/2024

🔗 crypt-it.netlify.app/

HTML, CSS, TypeScript, React.js, Vite, Tailwind CSS

- **Built an interactive web application** for performing cryptographic operations using the Web Crypto API, supporting a range of cryptographic algorithms.
- **Implemented multiple cryptographic techniques**, including substitution, transposition, symmetric, asymmetric encryption, and hash algorithms, providing users with hands-on learning and experimentation.
- **Designed an intuitive user interface**, allowing users to easily select and perform encryption, decryption, and hashing operations.
- **Added light and dark theme toggling**, ensuring better accessibility and personalization for users.

Tailwind CSS Color Generator | Color-Gen

📅 01/2024 - 03/2024

🔗 colorgen-ah4c.onrender.com/

HTML, CSS, JavaScript, React.js, Vite, Tailwind CSS

- **Developed a tool to generate custom color palettes**, allowing users to create and visualize color schemes based on a selected base color for Tailwind CSS projects.
- **Enabled input flexibility**, where users can choose colors through a color picker or manually input hexadecimal codes, providing a seamless and intuitive user experience.
- **Added a one-click copy functionality**, allowing users to easily copy individual colors or the entire palette for direct use in their projects.
- **Incorporated random palette generation** with key press support, offering users creative inspiration with dynamic and diverse color schemes.
- **Added light and dark theme toggling**, ensuring better accessibility and personalization for users.

Blockbuster Platform | Movie Mania

📅 03/2024 - 03/2024

🔗 movie-mania-f718.onrender.com/

HTML, CSS, JavaScript, React.js, Vite, Tailwind CSS

- **Developed a dynamic movie and TV show platform**, fetching and displaying categorized lists of movies and TV shows using an external API.
- **Implemented detailed information pages**, allowing users to explore comprehensive details about each movie or TV show, including ratings, genre, cast, and plot summaries.
- **Built a powerful search feature**, enabling users to find movies or TV shows based on their preferences, improving content discoverability.
- **Added light and dark theme toggling**, ensuring better accessibility and personalization for users.

VOLUNTEER

IEEE Uva Wellassa University Student Branch

Member

Leo Club Of Uva Wellassa University

Member

REFERENCES

Dr. H.M.S.N. Ariyadasa

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Uva Wellassa University of Sri Lanka.

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