



Kanishka Pasinsu

FullStack Software Engineer

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Summary

Full-Stack Software Engineer with expertise in React.js, Next.js, Node.js, and MySQL. Currently pursuing a BSc in Software Engineering and experienced in building web applications and CRM systems. Strong problem-solving skills, self-learner, and eager to contribute to innovative projects.

Experience

Lakion

(10/2023 -01/2024)

Full-Stack Software Engineer

Gampaha

During my internship at Lakion, I worked as a Full-Stack Software Engineer, where I developed a CRM system using Next.js, Prisma, and MySQL. I collaborated with the development team to ensure tasks were completed on time and successfully delivered the project within the internship period.

Flexy Code

(02/2023- 08/2023)

Software Engineer Intern

Gampaha

At FlexyCode, I worked as a Software Engineer Intern and gained hands-on experience in MERN stack development. I developed frontend features using React.js, while also working with HTML, CSS, and JavaScript. Additionally, I gained backend experience with Node.js and Express.js through various project tasks.

Education

Cardiff Metropolitan University

Following

Bachelor of Software Engineering, Computer Software Engineering

Software Engineering

Currently pursuing a Bachelor's degree in Software Engineering at ICBT Campus, affiliated with Cardiff Metropolitan University, UK. The program focuses on computer software engineering concepts and practical development skills. Expected completion: May 2025.

Cardiff Metropolitan University

2022/02 - 2024/02

Higher Diploma in Computing and Software Engineering

Software Engineering

Completed the Higher Diploma in Computing and Software Engineering at ICBT Campus, affiliated with Cardiff Metropolitan University, UK. The program covered core concepts of software development, programming, and computing technologies. Completed in February 2024.

Projects

Yamu Travels - AI-Powered Travel Planing Platform

Tech Stack: Next.js, React.js, Node.js, Express.js, Prisma ORM, MongoDB, Gemini API, Stripe

- Developed a full-stack AI-powered travel planning web application enabling users to generate personalized itineraries using Gemini API based on interests, destinations, and travel dates
- Integrated an interactive map view showcasing suggested routes, tourist spots, travel durations, and optimal navigation paths
- Implemented real-time data integration for weather, traffic conditions, and attraction availability to enhance travel planning accuracy
- Built a secure booking system for accommodations, transportation, and activities using Stripe for seamless payment processing
- Designed a dynamic user dashboard for managing saved trips, enabling collaborative trip planning, and providing sharing functionalities
- Delivered a feature-rich, responsive user interface using React.js and Tailwind CSS, ensuring a smooth user experience across devices

Learning Management System – Full-Stack Educational Platform

Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN Stack)

- Developed a full-featured LMS enabling interactive lesson delivery with multimedia content (video, audio, documents)
- Implemented automated assignment grading and real-time progress tracking to enhance educator efficiency
- Integrated a live virtual classroom with screen sharing, session recording, and interactive whiteboard support
- Designed customizable learning paths to personalize educational journeys for different learner profiles
- Built a comprehensive analytics dashboard providing insights into student performance, engagement, and course outcomes

Volunteering

ICBT Student Council

Jan 2022 - Nov 2024

President

ICBT Gampaha Campus

Served as the President of the Student Council at ICBT Gampaha Campus for the academic year 2023–2024.

Recognized for my leadership and contributions to the welfare and development of the student community.

Successfully organized and managed initiatives aimed at enhancing student engagement and fostering a positive campus environment.

Certifications

Higher Diploma in Computing and Software Engineering

September 2024

Cardiff Metropolitan University

Web Design for Beginners

February 2020

University of Moratuwa

Certified Web Designer from the University of Moratuwa with foundational expertise in HTML, CSS, and JavaScript. Passionate about creating clean, responsive, and user-friendly web designs. Eager to expand my skills and contribute to innovative web development projects.

Introduction to Programming Using HTML and CSS

January 2020

HackerRank

④ <https://www.hackerrank.com/certificates/b0a398fa6a2c>

Languages

Sinhala

English

Skills

HTML

CSS

Javascript

Tailwind CSS

React.JS

Next.JS

Express.JS

Node.JS

MongoDB

References

Erangi Piyumika

Assistant Lecturer

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