

Kanishka Pasindu Mudithananda

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PROFILE

Full-stack Software Engineer experienced in React.js, Next.js, Node.js, Express.js, and MongoDB, building scalable web apps, CRM systems, and RESTful APIs. Pursuing a BSc (Hons) in Computing and Software Engineering at Cardiff Met (ICBT Campus). Skilled in clean architecture, performance optimization, cloud deployment, problem-solving, teamwork, and Agile development, with a proven ability to quickly learn new technologies and deliver high-quality solutions.

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer

Lakion – Gampaha

Jun 2024 – Oct -2024

During my internship, I engineered a CRM system using Next.js, Prisma, and MySQL, collaborating with a cross-functional Agile team to define priorities and deliver the project ahead of schedule. I improved the codebase quality by integrating automated testing, CI/CD pipelines, and Git-based version control, resulting in enhanced software reliability, faster deployments, and improved development efficiency.

Full-Stack Software Engineer Intern

FlexyCode – Miriswatte, Gampaha

Feb 2023 – Jun -2023

During my internship, I developed responsive frontend features with React.js, HTML, CSS, and JavaScript, and gained backend experience with Node.js and Express.js. I built a single-page application (SPA) integrating RESTful APIs, improving user engagement by 25% over 10 weeks, enhancing my skills in frontend architecture, API integration, and Agile development.

EDUCATION

Bsc Computing and Software Engineering

Cardiff Metropolitan University

Nov 2024 – Dec -2026(Ongoing)

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.

Higher Diploma in Computing and Software Engineering

Cardiff Metropolitan University

Mar 2022 – Apr -2024

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

PROJECTS

Language Limousine (Canada Project)

Jul 2025 – Sep -20245

Fullstack Project - [Github](#)

Developed an end-to-end student tracking platform for Canadian institutions, providing real-time visibility for parents, agents, schools, and host families. The system includes live tracking, licensed vehicle coordination, 24-hour emergency access, and pre-booked escorted services. Built using React.js, Node.js, Express.js, and MongoDB, and deployed securely on Vercel under the Oceangate domain. Utilized full-stack development, RESTful APIs, responsive design, cloud deployment, and real-time data synchronization.

Yamu Travels (AI-Powerd Trip Planning)

Dec 2024 – Feb -2025

Fullstack Project - [Github](#)

Built an intelligent trip-planning platform with Next.js, React, Node.js, Express.js, MongoDB, Prisma, and the Gemini API, offering AI-powered recommendations, real-time maps, live data integration, and secure payments. Users can save and share itineraries via a smart dashboard. The platform improved planning efficiency by 12+ hours per user, increased satisfaction by 60%, and supported 2,000+ trips in three months.

VOLUNTEERING

President Of Student Council

Jan 2022 – Nov -2024

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.

Chairperson – HACK-O-RAMA(IT Competition)

Jan 2022 – Nov -2024

ICBT Gampaha Campus

Led and organized the Hack O Rama IT competition, conducted via HackerRank. Managed event planning, student registrations, and coordination with the IT faculty while guiding the student circle team to ensure the event's successful execution.

TECHNICAL SKILLS

Programming Languages - HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js, Express.js, PHP, Java, Frontend Development, Backend Development, Full-Stack Development

Databases - MongoDB, MySQL, Firebase, Supabase, Database Design, CRUD Operations

Version Control - Git, GitHub, Branching, Merging, Pull Requests, Code Collaboration

Testing - Postman

Deployment - Vercel, Netlify, GitHub Pages, Cloud Deployment, CI/CD, Serverless Deployment

REFERENCES

Name :- Mr. Dhanusha Somawardhana

Position :- Center Manager

Location :- ICBT Gampaha Campus

Phone :- +94 768500359

Email :- dhanusha@icbtcampus.edu.lk

Name :- W.M. Sithumini Wijesuriya

Position :- Visiting Lecturer

Location :- ICBT Campus

Phone :- +94 716470031

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