

Kavindu Chathuranga Dasanayaka

UI/UX Engineer Intern

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📍 Chilaw, Sri Lanka

🌐 KCDasanayaka

🔄 KCDasanayaka

🔗 My Portfolio



Profile

I am a passionate full-stack developer with a strong foundation in UX/UI design, dedicated to crafting intuitive and impactful digital experiences. As a Computing and Information Systems student at Sabaragamuwa University, I thrive on innovation, collaboration, and continuous learning. My goal is to bridge the gap between technology and user needs, ensuring every project I undertake delivers exceptional value. With a commitment to excellence, I aim to contribute meaningful solutions to the tech industry by leveraging both my technical expertise and creative vision.

Education and Certificates

BSc. (Hons) in Computing & Information Systems
Sabaragamuwa University of Sri Lanka

2022 - Present

G.C.E Advanced Level - Physical Science Stream
Dhammissara National College

2020

Create High-Fidelity Designs and Prototypes in Figma
Coursera - 2023

Android Application Development
Great Learning - 2024

Introduction to Back-End Development
Coursera - 2023

Professional Experience

Freelance Video Editor and Graphic Designer

Provided video editing and graphic design services for multiple events

2022 - Present

Projects

BuildMate+ - Group Project



Buildmate+ is an innovative construction enablement platform designed to streamline project management and connect clients with professionals and suppliers. Buildmate+ leverages advanced technology to provide seamless 3D modeling, transparent project tracking, and a growing community of trusted professionals and suppliers.

My responsibilities - UX & UI Designer and Frontend developer

- Designing the user interface of the application.
- Developing the Frontend using React.
- Developing the Chat Window using React and Firebase.

Technologies used : MERN, React, Node.js, Express.js , MongoDB, Firebase.

Hostel Management System



Developed hostel management platform using React, Laravel, and MySQL, tailored for university environments. Features a user-friendly interface, streamlined room registration, and efficient admin controls for managing hostel data and user details with ease.

- Simplified user registration with real-time validation and provided tools for efficient room assignments, with a clear view of availability and occupancy.
- Implemented features to streamline admin tasks, including updating hostel lists and managing user details efficiently.

Technologies used : React, Laravel, PHP, MySql

Learning Management System - Group Project (Ongoing)



Developing a modern website with an integrated LMS for R/Pathagama Maha Vidyalaya using MERN and Tailwind CSS, focused on improving communication, information management, and the learning experience.

My responsibilities - UX & UI Designer and Frontend developer

- Developing the Frontend using React.
- Designing the user interface of the application.
- Developing the Backend using Express, Nodejs, MongoDB.

Technologies used : MERN, React, Node.js, Express.js , MongoDB, Tailwind CSS

Chat Window



Developed a dynamic chat application inspired by WhatsApp using React and Firebase, enabling seamless text, emoji, and image messaging. Integrated Firestore, authentication, and storage for a complete real-time communication experience.

Public Transport Management Platform (Ongoing)



Developed a comprehensive public transport management system using the MERN stack and TypeScript. Enabled real-time bus tracking, schedule management, and user-friendly search functionalities, enhancing bus operations and rider experience across Sri Lanka.

- Developed functionality for bus owners to register and manage their buses while enabling time keepers to update live locations and routes.
- Implemented tools for updating and viewing bus schedules, departure and arrival times, enhancing operational efficiency.

Technologies used : MERN, React, Express.js , Node.js, MongoDB, TypeScript

Volunteering

Student Volunteer - IEEE Student Branch of SUSL

2023 - Present

InspireIEEE - IEEE Student Branch of SUSL - Designing Team Lead

Jan 2024 - Feb 2024

AURELIA v1.0 - IEEE WIE Student Branch Affinity Group of SUSL - Technical Team Lead

July 2024

QWhiz v1.0 - IEEE WIE Student Branch Affinity Group of SUSL - Video Editor

Jan 2024 - Present

INSIGHT - Annual Magazine - IEEE Computer Society Sri Lanka Section - Designer

Jan 2024 - Present

Awards

Top 10 Finalist - INSL Sabaragamuwa Province

2023

Tech-Skills

Programming Languages : C, JavaScript, TypeScript, Java, PHP, Python, HTML, CSS

Frameworks and libraries : ReactJS, React Native, Express.js, Tailwind CSS, Laravel, Material UI

Databases : MySQL, Firestore, MongoDB

Technologies and Tools : Git, Firebase , Figma, Trello, XAMPP, Photoshop, Illustrator, Premiere Pro, After Effects

Soft-Skills

Teamwork
Critical Thinking
Leadership

Time Management
Public Speaking
Project Managemnt

Communication
Adaptability
Self-Learning

References

Ravitha Ranaweera

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