Kavindu Chathuranga Dasanayaka

UX & UI Engineer Intern

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in KCDasanayaka   ⚙ KCDasanayaka   🔗 My Portfolio

Profile

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

Education and Certificates

BSc. (Hons) in Computing & Information Systems   **2022 - Present**
Sabaragamuwa University of Sri Lanka

G.C.E Advanced Level - Physical Science Stream   **2020**
Dhammissara National College

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   **2022 - Present**
Provided video editing and graphic design services for multiple events.

Projects

BuildMate+ - Group

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.

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

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.

Hostel Management System - Individual

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.

Technologies used : React, Laravel, PHP, MySql

Learning Management System - Group (Ongoing)

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

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

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.

Serendib Travel Guide Web Application - Individual

A UX Case Study focused on designing a responsive web and mobile app to enhance Sri Lanka's global tourism presence by providing users with valuable information on the best time and top places to explore

Technologies used : Figma

Public Transport Management Platform - Individual (Ongoing)

Developing a comprehensive public transport management system that enables real-time bus tracking, schedule management, and enhances bus operations and the rider experience across Sri Lanka.

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

Volunteering

Student Volunteer - IEEE Student Branch of SUSL   **2023 - Present**
Designing Team Lead - InspireIEEE - IEEE Student Branch of SUSL   **Jan 2024 - Fab 2024**
Technical Team Lead - AURELIA v1.0 - IEEE WIE Student Branch Affinity Group of SUSL   **July 2024**
Video Editor - QWhiz v1.0 - IEEE WIE Student Branch Affinity Group of SUSL   **Jan 2024 - Present**
Designer - INSIGHT - Annual Magazine - IEEE Computer Society Sri Lanka Section   **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, Node.js, Express.js, Tailwind CSS, Laravel
Databases : MySQL, Firestore, MongoDB
Technologies and Tools : Git, Firebase, Figma, Trello, XAMPP, Photoshop, Illustrator, Premiere Pro, After Effects

Soft-Skills

Teamwork	Time Management	Communication
Critical Thinking	Public Speaking	Adaptability
Leadership	Project Managemnt	Self-Learning

References

Mr.Ravitha Ranaweera
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eRav Technologies
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Mr.P.Vigneshwaran
Lecturer(Probationary)
Faculty of Computing,
Sabaragamuwa University of Sri Lanka
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