M.G. Dasuni Nuwanika

UI/UX Engineer

About Me

Passionate aspiring UX Engineer with a strong foundation in HTML, CSS, React.js, Next.js, and UI design. Focused on code-level UX to create responsive, accessible, and engaging digital experiences. Eager to expand, expertise and specialize in front-end development with React.js, Next.js, and Angular, while contributing to innovative projects.

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Medium - https://medium.com/@dasunigamage

Github - https://github.com/Dasuni-mg

LANGUAGES

- English
- Sinhala

SOFT SKILLS

- Management Skills
- Creativity
- Critical Thinking
- Empathy

EXPERIENCE

UX Engineer - Mediwave Pvt Ltd

July 2024 - present

- At Mediwave, I contributed to the development, enhancement of key healthcare technology projects; and played a major role in code-level user experience (UX). I did indulge myself in developing and optimizing responsive, user-friendly interfaces for healthcare applications.

- Utilized React.js, Next.js, Angular together with CSS, SCSS, Material UI and Angular Material to implement modern, consistent, visually appealing UI components by ensuring a seamless user experience.

- Collaborated closely with cross-functional teams, including designers, backend developers, QA engineers, product managers, to align front-end development with project goals and user needs.

Associate Frontend developer - Zanoch Pvt Ltd

March 2023 - July 2024

- As a Front-End Developer at Zanoch, I immersed myself in web development. I focused on building a strong foundation in HTML, CSS, JavaScript; I worked with popular frameworks like React JS, Next JS, Tailwind CSS, Shadcn UI and Chakra UI. Also, I did use to WordPress for development.

Intern Frontend developer - Zanoch Pvt Ltd

May 2022 - march 2024

EDUCATION

Bachelor of Information Technology (BIT)
University of Colombo - School of computing | UCSC
2019 - 2023

Bachelor of Science | Biology
University of Ruhuna
2019 - 2023

TECHNICAL SKILLS

- **Frontend Frameworks and Libraries –** Html5, CSS, Java Script, React.js, MUI for React, Next.js, Angular Material with Angular, Boostrap, Tailwind CSS, Chakra UI, Shadcn UI

- **Version control and collaboration tool –** Git, Github, Bitbucket with Jira

- **UI Design tool –** Figma, Adobe XD

- **Database –** MYSQL, MongoDB(Basic)

- **Backend Frameworks and libraries –** Java, Node.js(Basic), Spring Boot

- **Content Management System** – Word press

CERTIFICATIONS

COURSERA
- Foundation of User Experience (UX) Design
- Starting the UX Design process: By Empathization, Define, Ideate
- Build wireframes and Low-fidelity Prototypes
- Conduct UX Research and test early concepts
- Create High-Fidelity Designs and prototypes in Figma
- Build Dynamic User Interface(UI) for websites
- Design User Experiences for Social Good & Prepare for Jobs

LINKEDIN LEARNING
Getting Started in User Experience

LINKEDIN LEARNING UDEMY
User Experience for Web Design

UDEMY
Complete Figma Mega course: UI/UX Design Beginner to Expert

Modern JS for React JS- ES6 and React JS

UDEMY
Next.js 15 & React (Reading)

UDEMY
Angular-The Complete Guide (Reading)

PROJECTS

- **Food order and deliver management system for Gamage Restaurant (BIT- Final year project)**
  Java | MYSQL | HTML | CSS | Boostrap | Java Script | AJAX |JQuery | Spring boot

- **Web site for Dialog pharmacy**
  HTML5| SCSS | Boostrap | JQuery
  Created a responsive website from design to code; I did use Figma for the design and for coding I used, HTML5, SCSS, Jquery, Bootstrap 5. The objective was to make the static design to interactive web pages, ensuring the site was functional and visually aligned with the design specifications keeping the responsive standards so that it renders in all media devices.

- **Dashboard for healthcare company**
  This dashbard is also done in React.js in Material UI and Angular.

- **Virtual tour app for an apparel company**
  I contributed to a virtual tour app for an apparel company using Next.js, Tailwind CSS, Shadcn UI, providing a seamless, user-friendly shopping experience that bridges physical and online retail.

- **Weight tracking system for a tea factory**
  I contributed to develop a weight tracking system for a tea factory using React.js and Chakra UI for a responsive interface. Later, converted it into a desktop app with Electron.js,Vite for offline use and improved performance.

REFERENCES

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