

Dhanapala Mudiyanseelage Sadeesha Nilakshini

UI/UX ENGINEER | FRONTEND DEVELOPER

+94 743528374 | sadeeshanilakshi25@gmail.com | Badulla, Sri Lanka | www.linkedin.com/in/sadeesha-nilakshini-a592b529a

PROFESSIONAL SUMMERY

UI/UX Engineer and Frontend Developer with strong experience in designing user-centered digital experiences and building clean, responsive interfaces. Skilled in user research, wireframing, prototyping, and translating designs into high-quality frontend code using HTML, CSS, JavaScript, and modern frameworks.

Possesses working knowledge of backend technologies (Java, PHP, MySQL, Firebase) to support full-stack collaboration and end-to-end feature development. Passionate about usability, visual clarity, and performance-driven UI implementation.

SKILLS

UI/UX Design

- User Research & Personas
- Wireframing & Prototyping (Figma)
- Design Systems & UI Guidelines
- Responsive & Accessible Design
- Usability & Interaction Design

Frontend Development

- HTML5, CSS3, Bootstrap
- JavaScript
- Beginner TypeScript
- Responsive Web Design
- Java Swing UI Design

Backend Development

- PHP, Java, C++
- MySQL, Firebase

PROFESSIONAL EXPERIENCE

UI/UX Engineer & Frontend Developer - 1000D Technology

Aug 2022 - 2023 Oct

- Designed and developed responsive interfaces for real client web applications.
- Collaborated with developers for UI designing and Frontend development.

Full-stack Software Engineer - Delta Codex Software Solutions

Nov 2023 - Present

- Designed and developed intuitive interfaces for real client web applications.
- Converted UI designs into clean, maintainable frontend code.
- Assisted in backend development tasks, including form validations, API integration and database workflows, using PHP/Java.

EDUCATION

- **GCE (O/L) 2018 (English Meduim)** - 6A | 2B | 1C
- **BSc(Hons) in Software Engineering Undergraduate** - Birmingham city University
- Currently following **Google UX Design Professional Certificate Course** on Coursera
- Certified in Foundations of User Experience (UX) Design

PROJECTS

- Designed high-fidelity UI prototypes and interactive wireframes using Figma.
- Developed a fully functional e-commerce web application with user authentication, product listing, cart management, and order processing using HTML, CSS, JavaScript, and PHP as a University Project.
- Built an e-commerce application using Java for backend logic and HTML/CSS/JavaScript for frontend interfaces, including product management, user accounts, and database integration as a University Project.
- Implemented a plant monitoring system using C++ for sensor data processing and React Native for the frontend dashboard, enabling real-time monitoring and visualization of environmental metrics.
- Developed a fully functional book reselling Android application using Java and XML, including user authentication, product listing, wishlist, and order management features.

 **GitHub** - <https://github.com/SadeeNilakshi>

LANGUAGES

- English
- Sinhala