

Dhanapala Mudiyanselage Sadeesha Nilakshini

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

UI/UX-focused Full-Stack Engineer with strong expertise in designing user-centered experiences and building clean, responsive, high-performance interfaces. Highly skilled in UI/UX engineering, frontend development, and crafting intuitive, visually engaging digital products.

Experienced in user research, wireframing, prototyping and frontend technologies including HTML, CSS, JavaScript, and modern frameworks. Additionally capable in backend development using Java, PHP, MySQL, and OOP concepts enabling complete end-to-end feature development.

Collaborative, detail-oriented, and passionate about delivering seamless experiences powered by solid frontend execution and reliable backend architecture.

SKILLS

UI/UX Design	Frontend Development	Backend Development
<ul style="list-style-type: none">Wireframing & Prototyping (Figma)Java Swing UI DesignResponsive DesignUser Research	<ul style="list-style-type: none">HTML, CSS, Bootstrap, JavaScriptResponsive Web applicationBeginner at Typescript	<ul style="list-style-type: none">PHP, Java, C++MySQL, FirebaseOOP Concepts

PROFESSIONAL EXPERIENCE

UI/UX Engineer & Frontend Developer - 1000D Technology	Aug 2022 - 2023 Oct
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Designed and developed intuitive interfaces for real client web applications.Assisted in backend development tasks, including form validations, API integration and database workflows, using PHP/Java.	

EDUCATION

GCE (O/L) 2018 (English Medium) - 6A | 2B | 1C

BSc(Hons) in Software Engineering Undergraduate - Birmingham city University

Currently following **Google UX Design Professional Certificate Course** on Coursera

PROJECTS

- 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