



CHANUKA BOTHEJU

UI/UX Designer & Engineer

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 [Portfolio](#)



SUMMARY

With 6+ years as a UI/UX Engineer, I design user-centered digital experiences. My skills in UX research, interaction design, and front-end development allow me to create responsive interfaces for various platforms. I bridge design and development, ensuring high performance and aesthetic through tools like Figma, Adobe XD, React, and Material-UI. Passionate about AI-enhanced experiences and cross-functional collaboration, I excel in dynamic environments, boosting user engagement and product success.

EXPERIENCE

UI/UX Designer & Engineer

2024 – Present

Wavenet International (Pvt) Ltd

Colombo

- Prototyping & Wireframing: Designed over **20+ high-fidelity prototypes** using Figma and Adobe XD, reducing design iteration time by 30%.
- UI Design: Developed UI designs that **increased user engagement by 20%**, ensuring brand consistency and accessibility.
- Collaboration: Worked closely with cross-functional teams (PMs, developers, stakeholders) to translate requirements into user-friendly designs, **leading to a 15% improvement in user satisfaction scores**.
- Responsive Design: Created mobile-first and responsive designs, improving mobile conversion rates by **25% across multiple platforms**.
- Frontend Development: provided to frontend development by coding reusable React & MUI components, **reducing development time by 40%**.
- Frontend Development: Contributed to frontend development by coding reusable React & MUI components, **reducing development time by 40%**.

Associate UI/UX Designer & Engineer

2022 – 2024

Paragon Software (pvt) LTD

Colombo

- Prototyping & Wireframing: Make over **20+ high-fidelity prototypes** using Figma and Adobe XD, reducing design iteration time by 30%.
- Created **100+** engaging motion graphics and social media posts that **increased client engagement by 45%**
- Led **UI/UX design for 10+ mobile apps** across iOS and Android, achieving average App Store ratings above 4.5 stars

Junior UI/UX ENGINEER

2019– 2022

Lithium Technologies

Colombo

- Built iOS mobile apps and web applications for clients over 6+
- Collaborated with over 15 international clients across healthcare, e-commerce, and technology sectors to deliver tailored UI/UX solutions
- Best Web developer Award 2021

SKILLS

- I have utilized a range of tools to optimize product usability and implemented various front-end technologies to build engaging and interactive user interfaces.

DESIGN TOOLS

- Figma
- Adobe XD
- Illustrator
- Photoshop

TECHNOLOGIES

- Bootstrap
- Angular
- React
- HTML & CSS
- SASS
- Notion – AI
- Stitch Design AI
- WordPress
- I have provided to diverse projects and products across various industries, working alongside project managers, business analysts, developers, and testers to achieve quality results. My role has executed Research & Development, brainstorming solutions, presenting concepts, creating prototypes with varying levels of detail, and focusing on UI development, interaction design, and frontend development.

EDUCATION

- BSC. IN MANAGEMENT INFORMATION SYSTEMS
NIBM 2017-2021
University College Dublin, Ireland.
- Certificate in Computer Science
NIBM 2016
- Thurstan collage colombo

PROJECTS

- Mediportal – Australian Medical Platform

Australia2024

- Devised an AI-integrated dashboard that improved doctor-patient communication, reducing consultation time by 25% and boosting clinical efficiency by 30%
 - Streamlined patient care workflows, cutting admin processing time by 40% across 10+ clinics

Mediportal.com.au
- Service Hub – Freelance Service Platform

Sri Lanka2023

- Created a vendor-customer marketplace resulting in a 60% faster service matching process and onboarding of 200+ vendors in 3 months
 - Streamlined onboarding and service request flow, improving vendor visibility.

Service Hub
- Medirescue.io – AI-Powered Transcription Platform

Singapore2023

- Redesigned old UI (<https://medirescue.io/>) into a modern, responsive dashboard focused on voice-to-text transcription for EMS documentation.
 - Improved user experience for emergency responders, reducing report time by ~30%.

Medirescue.io | <https://medirescue.io/>
- Wisconsin Rut Report – Hunting Community App

United States2023

- Architected a hunting community platform that increased user engagement by 70% during peak season
 - Designed an intuitive, forum-style interface tailored for seasonal engagement.

[Figma Desktop](#)

[Figma App](#)
- mTrack – Business Operations Dashboard

United States2023

- 80% Developed a dashboard for tracking KPIs and streamlining operations.
 - Focused on clarity, real-time data visualization, and performance insights.

[Figma Desktop](#)
- Mediplot – Futuristic Medical Dashboard UI

Research2025

- 100% Led UX research and devised a modern, intuitive dashboard to optimize patient care and administrative workflows for medical organizations.

[Figma](#)
- Doc990 – Enterprise Pages & UIUX Development

Sri Lanka2025

- 100% UIUX Development Enterprise Page and continue Doc990 UIUX Design & Development

[Figma](#)
- PSM – Paragon Smart Manager

Local & Overseas2023

- A large-scale Desktop and POS system project with a substantial customer base. Actively involved in 50% of the UI/UX development and design

[Figma](#)
- Hilton Colombo

Sri Lanka2023

- Conceptualized the UI/UX for Hilton Hotel's dispatch system, improving task coordination and speeding up operations by 15%.

[Figma - Dispatch System](#)

[Figma - Desktop Client](#)
- ACCESS PFS

Sri Lanka2023

- Architected and developed the UI/UX for AccessPFS.com, a professional flooring supply e-commerce platform. Focused on creating a seamless, responsive shopping experience for B2B and retail customers.

[Figma](#)

PASSION

- AI-Driven UX & Digital Accessibility

Passionate about designing AI-enhanced and inclusive digital experiences, ensuring accessibility and usability for all users while leveraging machine learning-driven UX optimizations.
- Mentoring & Knowledge Sharing

Dedicated to mentoring aspiring designers and engineers, sharing insights on human-centered AI, UX research, and AI-powered design systems to shape the future of user experiences.
- Continuous Learning & Innovation

Committed to staying ahead in AI-integrated UI/UX trends, predictive design, and generative AI tools while exploring new frameworks and attending industry workshops to refine skills and drive innovation.

LANGUAGES

- English - Native

★★★★★
- Sinhala - Native

★★★★★

KEY ACHIEVEMENTS

- Designed & Developed Modern UIs

Created intuitive and visually appealing user interfaces, leveraging modern UI trends and AI-enhanced design principles to improve user engagement.
- Built Scalable Design Systems & Prototypes

Developed reusable design systems and interactive prototypes using Figma, Adobe XD, and AI-assisted tools, ensuring consistent branding and efficient developer collaboration.
- Optimized UI Performance Across Devices

Implemented adaptive UI strategies and performance optimizations to enhance the speed and usability of interfaces across mobile, desktop, and smart glass applications.