KASUN CHINTHAKA HERATH

⚲ Matale, Central Province, Sri Lanka ▯ +94 4752569 ✉ kcherath7@gmail.com 🔳 Portfolio in LinkedIn
🐙 GitHub Be Behance

SUMMARY

Final-year Software Engineering undergraduate with a strong passion for UI/UX design and crafting user-centered digital experiences. A motivated, self-driven learner eager to grow as a UI/UX Designer through real-world projects in AI-driven and fast-paced development environments. I enjoy transforming ideas into intuitive, visually engaging interfaces by combining design thinking, problem-solving, and a strong focus on usability and user experience.

EXPERIENCE

Assistant Webmaster, IEEE Computer Society of SLTC   2024 – 2025
• Managed social media platforms.
• Contributed to designing the official website of the SLTC IEEE.

PROJECTS

Enhancing AI-Driven NPC Interactions Through Advanced Prompt Engineering

Behance : **AI-Driven-NPC-Interaction-Game-UI-Design**
• Thesis project focused on developing AI-driven Non-Player Characters (NPCs) for a more dynamic and immersive gaming experience.
• UI/UX Developer, designed characters and interfaces for the 2D chat-based role-playing game demonstration.
• TypeScript, React, Vite, Node.js, CSS, Gemini API.

Garage Finder App (Mobile UI/UX)

Behance : **AutoCare – Garage Finder & Vehicle Assistance App**
• Mobile application for finding nearby garages and facilitating tow truck requests and chat.
• Developed the complete wireframe and interactive prototype design on Figma, focusing on quick usability for emergency services.
• Figma (Wireframing, Prototyping).

AI-Powered Career Guidance System

• GitHub : **AI-career-guidance-system**
• System that helps users identify suitable tech roles based on personality traits and skills.
• UI/UX Engineer. Designed the user experience for inputting data and translating complex AI outputs into a clear, actionable career path interface.
• Next.js, TypeScript, Python, Flask/FastAPI, scikit-learn.

Personal Portfolio Website

Portfolio
• Designed a personal portfolio website with a clean and minimal interface to showcase projects and skills.
• Focused on layout structure, typography, color balance, and smooth navigation.
• Next.js + React using TypeScript , Styled with Tailwind CSS and configured with PostCSS , Figma.

EDUCATION

B.Sc. (Hons) in Data Science   **2022 – Present**
SLTC Research University, Padukka

G. C. E. Advanced Level (Technology Stream)   **2018 – 2020**
St. Thomas' College, Matale

G. C. E. Ordinary Level (9A)   **2012 – 2017**
St. Thomas' College, Matale

VOLUNTEERING

Design Team Lead

IEEE Computer Society Student Branch of SLTC – Codemania V4.0
Robotic Competition Technology Faculty of SLTC - Lethalbots 2024
ISACA Student Group of SLTC – ZERO DAY 2026

Design Team Member

IEEE Computer Society Sri Lanka Chapter - Tech X Sri Lanka 2023
IEEE Computer Society Student Branch of SLTC - IdeaniX Generation 01
IEEE Computer Society Student Branch of SLTC – Codemania V3.0
IEEE Student Brach Chapter of SLTC – IEEE GISLA 2024

SKILLS

UI/UX & Design : Figma, Adobe XD, Wireframing, Prototyping, User Flows, Visual Hierarchy, Responsive Design, Graphic Design Principles, Usability-Focused Design.

Frontend & Web Development : HTML5, CSS3, JavaScript (ES6+), React, Next.js, TypeScript, Responsive Web Design.

Backend & Programming : Node.js, Python, PHP, Java, C, REST API Basics.

Mobile Development : Flutter, Dart.

Databases : SQL, MongoDB.

Tools & Platforms : Git, GitHub, VS Code, Vercel, Figma Dev Mode, Chrome DevTools

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REFERENCES

Ms. Nilupuli Ekanayake   **Ms. Sanika K. Wijayasekara, PhD**
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