

CONNOR NG



AI PRODUCT ENGINEER / PRODUCT DESIGNER

PROFILE

UI designer turned AI product builder with 2 year of full-time experience designing complex SaaS workflows at Speedbrick and 3+ years of part-time/freelance UI/UX and graphic design experience. Strongest in using AI-assisted development to rapidly prototype product features inside existing design systems.

EDUCATION

Bachelor Of Advertising

Xiamen University Malaysia

2022-2025

CORE SKILLS

AI / LLM

OpenAI API, prompt engineering, structured extraction, semantic matching, human review workflows, AI-assisted prototyping, Ollama/local LLM experimentation, Stable Diffusion exploration

AI-assisted Development Tools

Codex, Claude Code, Google Antigravity, AI debugging, rapid prototyping, product workflow experimentation

Backend

Supabase, PostgreSQL, Edge Functions, Cloudflare, API integrations, serverless automation

Frontend / Product

React, TypeScript, Tailwind CSS, shadcn/ui, Figma, design systems, enterprise SaaS UI

Working Style

Fast prototyping, product reasoning, workflow mapping, documentation, challenging assumptions, clarity over trend-chasing



SELECTED PRODUCT DESIGN & AI AUTOMATION PROJECTS

Squode — AI Quotation / Project Management tool for interior design / renovation firms

- Built an AI-powered workflow that converts messy meeting input from voice, text, and photos into structured room and item scope for quotation preparation.
- Implemented OpenAI-based extraction and AI matching against a material database, helping users produce quotation-ready scope in under 2 minutes.
- Designed the workflow around business outcomes: faster quotation preparation, clearer material matching, reduced manual cleanup, and better scope control for design-build firms.
- Built the core architecture using Supabase, PostgreSQL, Edge Functions, Cloudflare, and a React/TypeScript frontend.
- Applied human-review patterns so AI-generated output remains editable, reviewable, and safer for commercial use.

Keel — Privacy-first personal finance app for debt clarity and financial health (iOS)

- Built and shipped a local-first iOS app that helps users understand and escape debt, distinguishing finite installment/BNPL debt from revolving credit and recurring subscriptions to give a clearer, more honest financial picture than generic trackers.
- Implemented an AI debt coach using Google Gemini via a stateless Cloudflare Worker proxy, sending only a sanitized, anonymized financial snapshot (no names, bank names, or account numbers) so guidance never exposes identifiable data.
- Designed a real-time financial-health scoring engine (Cash Flow, Debt Health, Resilience) that classifies productive vs. toxic debt — scoring low-rate, asset-backed leverage favorably rather than penalizing all debt equally.
- Architected a privacy-by-design system with no server-side database: all financial data stays on-device, computed values are derived at runtime from source data (never stored), and the only data leaving the device is the anonymized AI snapshot and subscription state.
- Built subscription monetization with RevenueCat, and hardened the AI backend by replacing a shared-secret with server-side RevenueCat entitlement validation (with KV caching and fail-closed error handling) so only genuine subscribers can reach the paid AI service.
- Built the full stack solo: React Native / Expo (TypeScript, Zustand) frontend, Cloudflare Workers + KV backend, and RevenueCat/Gemini integrations, and took the product end-to-end through App Store submission (privacy policy, terms, and store listing included).



SELECTED PRODUCT DESIGN & AI AUTOMATION PROJECTS

Shopee Digital Product Automation System

- Built an automated order-fulfilment system integrated with Shopee, where new customer orders triggered seller notifications and digital product delivery.
- Implemented the backend workflow using Cloudflare, Supabase, Edge Functions, and PostgreSQL to reduce manual order checking and delivery handling.
- Built a self-claiming delivery flow to support digital product access after purchase.
- Generated early revenue of approximately RM800 in the first month, RM2,600 in the second month, and RM3,600 in the third month.
- Paused the project after validating demand and learning the operational limitations of platform-dependent digital product sales.



PROFESSIONAL
EXPERIENCE

UI Designer — Speedbrick Sdn Bhd (SME 100 AWARD 2025)

Apr 2025 – Present

- Designs UI for complex construction and procurement SaaS workflows involving contracts, subcontracts, procurement, documents, reporting, and data-table-heavy screens.
- Uses AI-assisted development to prototype features with the company’s existing styling, turning product ideas into testable UI faster.
- Creates wireframes, interaction flows, prototypes, and design-system-aligned screens for responsive enterprise web applications.
- Collaborates with product managers and developers to translate complex business requirements into usable product workflows.
- Works on enterprise UI patterns where clarity, scalability, data density, and workflow accuracy matter more than visual decoration.

UI/UX Designer — Sweetmag Solutions (M) Sdn Bhd

Oct 2024 – Mar 2025

- Designed and optimised UI/UX for digital products and operational workflows, supporting clearer interaction patterns and usability improvements.

UI/UX Designer — HijauTech Sdn Bhd

Sept 2023 – Mar 2025

- Supported UI/UX design work across web and mobile products, including client-facing prototypes and interface improvements.

UI/UX Designer — Mekaniku / KL Motoren Werke Sdn Bhd

Jul 2023 – May 2024

- Designed mobile app and website interfaces focused on intuitive navigation, modern visual direction, and improved user engagement.

LANGUAGES &
ADDITIONAL

Languages

English, Mandarin, Indonesia, Malay

Award

Best Commercial Video — The 6th Stellar Prize,
Xiamen University Malaysia

