



Chan Meng

AI Agent Architect · Full-stack Engineer · AI-Tooling Expert

« Subtraction for life, addition for thought. »

5,856 LinkedIn followers · 23 recommendations · 1,103 newsletter subscribers
480+ GitHub stars · 218 followers · CopilotKit contributor · 2 merged PRs · 36.1k stars

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Introduction

Builds the AI software companies run every day — products with paying customers, private data, and regulated work behind them, not demos. Focus areas: **women's health, cultural technology, and early-stage startup infrastructure**. Works AI-native by default — directing coding agents (Claude Code, Codex) and building on the Claude Agent SDK, MCP, and agent skills, while keeping the call on what actually ships a human one.

Experience

AI Agent Architect

Engram · May 2026 — Jul 2026
Albuquerque, New Mexico, United States · Remote

Recruited onto **Anthropic's Partner Network architect track** — Engram's founder asked his own Claude agent to surface candidates, and Chan's open-source portfolio was the pick (publicly confirmed by founder Luka Madzarac). Spent the 45-day Architect Cohort on the Partner Network curriculum and the cohort's agent, skill and MCP-integration conventions.

AI Instructor & Mentor

TechNest Community · Apr 2026 — Aug 2026
St John's, Newfoundland, Canada · Remote

Sole instructor of TechNest's first AI-specialised mentorship track — her **fifth teaching cohort since 2024**. Students arrived knowing only browser ChatGPT and, over 12 weeks, learned to build by directing coding agents; **30 graduated** and shipped **6 deployed multi-user AI products**. Also built the bilingual teaching platform that hosts it, including an in-course RAG assistant on Cloudflare Workers.

Founding Principal Engineer, Activation, Execution & AI Systems

GAVIGO Inc. · Oct 2025 — Present
Wilmington, Delaware, United States · Remote

Owns the intelligence layer of GAVIGO's app-activation platform — tap a game in a feed and it plays instantly, no app-store install. Built the AI scheduler that keeps content pre-warmed on Kubernetes (GKE) so a tapped game resumes in **under a millisecond**, and moved the platform across clouds (DigitalOcean → GCP) with zero downtime. Promoted Core Engineer → Founding Principal Engineer across three renewals, building nearly the whole system solo.

Senior Full-Stack Engineer & Website Team Lead

She Sharp · Jul 2025 — Present
Auckland, New Zealand · Hybrid

Recruited by founder Dr Mahsa Mohaghegh to rebuild the member platform for New Zealand's leading women-in-STEM charity (**2,200+ registered members, 8,000+ women supported lifetime**). Moved the community off a drag-and-drop website onto one system for sign-ups, events, and mentor matching — 10+ years of content carried over with zero broken inbound links, ~85% solo over a year. Mentors and mentees are paired by AI scoring (GPT-4o-mini) with human review.

Chief Technology Officer

FemTech Weekend · Mar 2025 — Present
Chengdu, Sichuan, China · Remote

Sole engineer behind China's first women's-health-technology organisation — built, then rebuilt its entire web platform twice as the mission grew, from a marketing site on Next.js to an editorial and research platform on Docusaurus. Ran the digital infrastructure for the 2026 Shanghai Summit (June 22–25), a four-day event with **20 confirmed speakers** headlined by Ida Tin, who coined the term "FemTech".

What I Bring to a Team

- **Ship production AI agents that hold up under real use.** Compliance and money-handling steps guarded in code, not just prompts.
- **Keep AI fast and economical in production.** Prompt caching, model-tier routing, and evaluation harnesses with documented failure modes.
- **Keep every customer's data separate and safe.** Per-customer isolation (multi-tenant), durable error handling, observability.
- **Senior judgement on the calls that are hard to reverse.** Discovery-first planning, structured CI output, guardrails enforced in code rather than by instruction.
- **Make the whole team faster.** Internal CLIs, IDE hooks, and MCP servers that compound across the engineering org.

AI Engineering & Tooling

CLAUDE CODE — EVERY EXTENSION SURFACE SHIPPED

CLAUDE.md Skills Subagents Hooks
Status line Plugins

CODEX CLI — DAILY DRIVER

AGENTS.md Sandbox + approvals
Headless mode

WHAT I AUTOMATE BEYOND CODE

Typst PDFs CI/CD pipelines Slack apps
Agent teams Code review Internal CLIs

AGENT SDKS & FRAMEWORKS

Claude Agent SDK OpenAI Agents SDK
LangGraph LangChain CopilotKit
Vercel AI SDK

HOW AGENTS CONNECT TO TOOLS & DATA

MCP (Model Context Protocol)

QUALITY & OBSERVABILITY

Vitest Cypress mcp-evals Lighthouse
OpenTelemetry web-vitals

Stack

MODELS

Anthropic Opus / Sonnet / Haiku
OpenAI gpt-5.5 / GPT-4o + realtime Gemini 2.x
Llama 3.x

Chief Technology Officer

Sanicle · Mar 2025 — Feb 2026
Tulsa, Oklahoma, United States · Remote

Joined as Senior AI/ML Infrastructure Engineer, promoted to CTO. Took Sanicle from a no-code prototype to the production B2B FemTech SaaS employers buy for their staff — menstrual and menopause workplace wellness. Personally integrated IBM watsonx into the product, the work that earned Sanicle its **IBM Silver Partner** certification.

Previously: **ByteDance** full-stack engineer on the Douyin Mall capstone (Beijing · remote; Spring Boot 3 backend + solo Vue 3 frontend) · **React Native** mobile developer at **CORDE** (Christchurch, NZ · hybrid) · **Forward With Her** mentor (China · remote; 7 of 26 LinkedIn recommendations come from this cohort).

Selected Projects & Products



ArchCanvas × ArchLang archcanvas.uk/

An AI design agent for architects and self-builders — describe a building in plain words and get a dimensioned, buildable floor plan plus a realistic rendering, then refine it by talking on a zoomable canvas.

- **A free open-source engine, then a paid product on top.** Chan invented ArchLang — a language that turns a floor plan into a precise program (34 npm releases, full editor tooling) — then built the commercial product it powers, ArchCanvas.
- Because the plan is a **program, not a picture**, ArchCanvas can edit it exactly, show what changed, and replay its history — things an image generator structurally cannot, and a benchmark measures that gap rather than asserting it.



Tam-AI-Ti tamaiti.whiri-ai.com/

An AI financial-wellness app for Māori communities, built around te ao Māori · an independent research commission from Riria (Missy) Te Kanawa personally (former KPMG NZ National Māori Sector lead; now Māori Executive Lead at ASB Bank, her employer).

- **A research question, not a spec:** can technology built natively on Māori culture engage a population that culturally-decorated technology does not? Built solo — a bilingual (te reo Māori / English) voice-and-journaling app where the culture is typed data in the database (Maramataka phases, Te Whare Tapa Whā domains), not labels bolted on.
- The evidence: a **19-user cohort over 4 months** produced 181 bilingual journal entries and 74 daily check-ins — sustained engagement for a pre-commercial pilot with no marketing.



Vitex — AI Career Agent www.vitex.org.nz/

Paste a job description, get a tailored resume and cover letter scored against the job's keywords in under 30 seconds · sole-authored over ~18 months · Vercel AI SDK + gpt-5.5 / gpt-5.4-mini + Typst.

- The resume assembles live instead of behind a spinner, and **Typst compiles the finished PDF locally in under 100 ms** across 7 templates — no hosted Chromium or outside doc service.
- **Capacity is metered around the product, not the clock** — a run counts only after a PDF compiles, so a failed retry is a non-event, and share links double as live demos. Built for the NZ / AU / APAC market Chan needed; three migrations, zero downtime.



Google News MCP Server glama.ai/mcp/servers/ChanMeng666/server-google-news

Earliest-ecosystem MCP server — gives AI assistants live Google News access. Shipped 35 days after Anthropic's Nov 2024 MCP launch.

- **Shipped before MCP had a registry** — 35 days after the standard launched — so it was listed by hand across 15+ catalogs, the way developers actually find MCP servers. The first-mover position compounded: a PulseMCP "Top Pick", a Glama A-rating, ~125 GitHub stars, and a Skywork AI deep-dive.

Also built: **echook** — plain-English-configured notifications for AI coding assistants (Claude Code / Cursor / Codex) · eatropolis.co.nz — Auckland food-festival platform (Chow Luck Club × Tātaki Auckland Unlimited; solo, 9 days) · [gradient-svg-generator](#) (355 animated-SVG README templates) · [typst-claude-skill](#) (typesets this CV) · [Seismophone](#) (AI-music observatory).

APP FRAMEWORKS

Next.js 16 · React · Vue 3 · Spring Boot 3
FastAPI · TailwindCSS · Drizzle ORM · Zod

INFRA & DATA

Kubernetes GKE · Cloudflare Workers + Vectorize
Neon Postgres + pgvector · Supabase
Docker + Traefik · Redis · Stripe · Stack Auth
NextAuth 5

LANGUAGES

TypeScript · Python · Go · Java · SQL · Typst

Certifications & Training

Anthropic (6)

- **Building with the Claude API** · **Intro to MCP** · **Intro to Agent Skills** · **Claude Code in Action** (all May 2026; **Claude Code in Action** originally Aug 2025) · **AI Fluency: Framework & Foundations** (Aug 2025)
- **Claude Certified Architect — Foundations** curriculum completed (on Anthropic Partner Network track via Engram)

Other AI / Cloud

- **Google AI Essentials** · **Microsoft Azure AI Essentials** · **Generative AI Career Skills** · **Wolfram Machine Learning Foundations** · **GitHub Professional** · **Docker Professional** · **Microsoft Software Development** (Dec 2024 — Aug 2025)

Engineering & platforms (50+ total)

- **HackerRank Software Engineer** + 22 skill certifications — **SQL (Advanced)** · Problem Solving · Go · Node.js · React · Angular
- **Microsoft** (Azure · System Administration · Project Management) · **C++ Institute** · **Anaconda Python** · **Atlassian Agile** · **Mozilla**

Recognition

- **UN CSW 69 Speaker** — UN HQ NYC, Mar 2025 · attracted **IBM pilot interest** and an endorsement from Sierra Leone's Minister of Gender and Children's Affairs.
- **Outstanding Mentor Award** — AI Hackathon Festival 2025 · 1 of 14 expert mentors · guided 11 teams / 80+ participants.
- **Excellence Award** — FemTech China (Women's Health Technology Challenge, Dec 2024).
- **UN Women FemTech Hackathon — Outstanding Performer** — FemTech Weekend, Beijing (Mar 2025).

Education

Master of Applied Computing

Lincoln University — New Zealand
Nov 2023 — Dec 2024
Distinction (80%+) · Dean's List, Top 5%