

CS graduate who has independently shipped 3 monetised SaaS products to production — owning payments, auth, cloud infrastructure, and user acquisition end-to-end. Operates at mid-level execution speed without a team, budget, or runway.

EXPERIENCE

Founder & Full-Stack Engineer

March 2025 - Present

HyperStake — hyperstake.bet

- Took a sports betting analytics SaaS from zero to paying users across 3 tiers (\$39/\$79/month) — sole architect, engineer, and growth owner, zero external budget.
- Designed and owned the full production stack independently: Next.js, Convex, Stripe tier-gated billing, Clerk auth, PWA, and SEO — no team, no tech lead.
- Shipped 14 betting calculators (HyperOdds) and a live arb data pipeline via Discord bot on Railway, expanding the Max tier product surface without adding infrastructure cost.

Next.js Convex Stripe Clerk TypeScript Railway

Co-Founder — Technical Lead

Jan 2025 - Present

AlphaBet — Betting Tips Community

- Sole technical owner of a \$50/month subscription community — architected billing, auth, onboarding, and Discord infrastructure from scratch; co-founder handles tipping, I own everything else.
- Shipped public performance tracking as a product differentiator, turning a trust deficit common in tipping services into a feature.

Next.js Convex Stripe Discord

Founder

April 2026 - Present

VerifAI — verifai.today

- Conceived, built, and deployed a full AI detection + Turnitin report platform in weeks — third-party API integration, automated delivery, Stripe billing, and transactional email all wired and live.

Next.js Convex Postmark Stripe

Technical Co-Founder (30% equity)

March 2026 - Present

Simple Tuition — Private Tutoring Platform

- Built the entire backend from zero: Stripe subscription billing, automated transactional email, SEO infrastructure, and student onboarding — all production-deployed before the business had its first client.
- Architected parent communication and client lifecycle systems that removed manual admin overhead entirely, allowing the business to scale without operational bottlenecks.

Associate Software Engineer

March 2023 - 2024

Altitutor

- Sole developer of a Swift iOS mobile app shipped to production, expanding the platform's reach beyond web without additional engineering headcount.
- Redesigned the operations database from scratch, eliminating scheduling conflicts across a multi-tutor, multi-student system used daily.

SELECTED PROJECTS

Autoencoder-Based Writer Identification

Aug - Dec 2023

- Built a deep learning handwriting identification system using autoencoders (TensorFlow, Keras), improving classification accuracy on varied handwriting corpora.

Python TensorFlow Keras

CodeKage — Coding Education Platform

Dec 2023 - 2024

- Co-built a coding education brand to 500,000+ impressions organically; designed content strategy and produced technical tutorials across C++ and JavaScript that drove sustained audience growth.

COMMUNITY & LEADERSHIP

President & Founder — Mechanical Keyboard Club

July 2022 - Present

University of Adelaide

- Founded from zero, grew membership to an active community through workshops and events; built and deployed the club's React website.

EDUCATION

Bachelor of Computer Science (Advanced)

University of Adelaide · Major: Cyber Security
Graduated 24 March 2026

Algorithms & Data Structures · OOP · Systems
Programming · Web & Database Computing ·
Cybersecurity · Advanced CS Topics

EXCHANGE

Business Administration & Global Japanese Studies

Meiji University, Tokyo
2025 - 2026

TECHNICAL SKILLS

LANGUAGES

TypeScript · JavaScript · Python · C++ · SQL ·

PHP · Swift

FRONTEND

Next.js · React · TailwindCSS · HTML/CSS ·

PWA

BACKEND & DATA

Convex · Supabase · Node.js · GraphQL · Pandas ·

PyTorch · TensorFlow

TOOLING & INFRA

Stripe · Clerk · Postmark · Railway · Git · Vercel

VENTURES

HyperStake — hyperstake.bet

AlphaBet — tipping community

VerifAI — verifai.today

Simple Tuition — 30% equity

LANGUAGES

English