Elliot Nah Jing Zhi

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About Me

I run a freelance AI automation practice in Singapore while completing a Business Artificial Intelligence Systems degree at NUS. Since June 2026 I have found manual, error-prone processes inside businesses, designed systems to replace them, and shipped them. My first paid product now runs a Singapore tuition centre's entire termly billing cycle. I handle every part myself, the outreach and client consult as much as the build, and I take on work I can own end to end.

Experience

Freelance AI Automation Consultant | Singapore
Self-employed | 06/2026 - Present

- Shipped first paid product in 07/2026, AccelLearn Invoices & Receipts, a cross-platform desktop app in Electron and TypeScript for a Singapore tuition centre. Reads a live master spreadsheet, mass-generates invoice and receipt PDFs for 80-100 students per term, and syncs issue and payment status back to the sheet, replacing hand-edited PDFs and manual reconciliation
- Designed the billing state model so exports stay idempotent and status stays correct when source data is edited mid-term, the constraint that made the tool trustworthy enough to run unsupervised
- Currently building an invoicing system for an interior design firm and running discovery calls to find the next automatable process

Singapore Armed Forces (MINDEF) | Singapore
Infantry Officer | Platoon Commander, 608 Squadron | Changi Air Base | 03/2025 - 01/2026

- Commissioned from Officer Cadet School (cohort 136/24). Led a platoon across training and live perimeter security operations at a national airbase
- Coordinated external stakeholders for high-priority events including visits by foreign diplomats and senior executives, working to fixed deadlines with no margin for error
- As Unit Safety 2IC, owned safety, compliance and risk protocols unit-wide. Ran briefings and audits, contributing to zero major incidents

Education

National University of Singapore | Singapore
Bachelor of Computing (Honours), Business Artificial Intelligence Systems | 08/2026 - 2030
StartIT (NUS Computing Technopreneurship Society), Operations member, 09/2026 - Present

The LaunchPad Challenge (Acacia AI Society), 2026. Built Cupp in a three-person team, a specialty-coffee logging app where the user photographs a coffee bag and a vision model reads the label to prefill the bean's identity, then logs their own brew and tasting scores. Grounded the extraction so unreadable fields return not_visible rather than a plausible guess. Expo (React Native), TypeScript, Supabase

St. Andrew's Junior College | Singapore
GCE 'A' Level | 02/2024
4 Distinction Award 2023 (four 'A' Level distinctions) · Mrs Grace Ballas Scholarship 2023 · Commendation Award 2022, 2023 · American Mathematics Competition 2023 · Colour's Award 2024 (Rugby 15s)

Projects

Wilfred, Autonomous Personal AI Assistant | 2026 - Present

- Tool-using Claude agent in Python, deployed 24/7 on Railway with a Telegram front end and a git-backed Obsidian vault as persistent memory
- Acts without being prompted. Scheduled routines surface deadlines and follow-ups on their own. Built to test whether an agent can be trusted with standing autonomy, not just one-off requests

Gmail Brand-Inquiry Automation | 2026 | Open source

- Google Apps Script and Claude API tool that classifies inbound brand and PR email, drafts replies without auto-sending, logs every decision to a Sheet and pushes a daily Telegram digest
- Built for a working content creator and human-in-the-loop by design. The model proposes, the user approves, and every classification stays auditable

Skills & Certifications

Languages & Tools: Python, TypeScript, SQL, React Native (Expo), Electron, Supabase, Google Apps Script, Git, Railway
AI & Automation: Claude API, vision model extraction, agent and tool-use design, Model Context Protocol, prompt engineering, Gmail and Sheets API integration
Business: Client discovery and scoping, stakeholder management, pitching and objection handling, team leadership
Certifications: Harvard CS50x · Harvard CS50P · AWS Certified Solutions Architect, Associate (in progress) · Simplilearn, Introduction to SQL · UC Boulder, Introduction to Data Analytics for Business · IBM iX, Excel Basics for Data Analysis
Anthropic Academy (in progress): Claude 101 · Agent Skills · Subagents · Model Context Protocol · AI Fluency for Small Businesses | **Spoken languages:** English, Chinese

Additional Experience

Park Royal Collections | Banquet Hall Assistant | 11/2023 - 03/2024, front-of-house service for large-scale events
Lions Befrienders Singapore | Eldercare Volunteer | 12/2023 - 04/2024, station facilitator for elderly beneficiary activities