

Nadzmi Thomas

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Career Objective

Highly motivated Computer Science and Commerce graduate with skills in data science, software development and fullstack development. Seeking an entry-level position in IT, with aims to grow with an organisation that values versatility and long-term development.

Skills & Strengths

- **Frontend:** Building responsive UIs with Figma, TailwindCSS, React and its associated libraries (e.g. React Query, React Router)
- **Backend & Database:** Backend development with PostgreSQL, MongoDB, Supabase, Cloudflare, Node/Deno
- **Data Skills:** Experienced in the full data pipeline: scraping, cleaning, analysis, modelling, visualisation
- **Languages & Tools:** Python, R, JavaScript/TypeScript, SQL, Git, Docker, Agentic AI (OpenCode), Linux
- **Commerce:** Ability to contextualise technical work within broader business goals
- **Soft Skills:** Clear communicator, works well independently and in teams

Education & Certifications

Monash University <i>Bachelor of Computer Science (Data Science) & Bachelor of Commerce (Business Analytics)</i>	Mar 2021 – Sep 2025
DeepLearning.AI & AWS Coursera <i>Data Engineering</i> Proof of completion: https://coursera.org/share/173a63e69e2b8c120f521cb79c8f525c	July 2025 – Oct 2025

Employment Experience

Software Developer – AI Trainer <i>DataAnnotation (Remote)</i>	July 2026 – Present
• Designed and executed benchmark evaluation tasks for agentic AI (OpenCode, Codex, Claude Code), authoring Python (pytest) test suites and Dockerised environments to surface failure modes and verify agent-generated fixes	
Private Tutor <i>Self-employed</i>	Jan 2024 – Present
• Tutored high school in mathematics and university students in programming	
Monash Student Association Volunteer <i>Monash University (Clayton)</i>	July 2023 - Nov 2024
• Collaborated with diverse teams of 5-15+ individuals in various dynamic working environments	
Factory Cleaner <i>Temptation Bakeries Cafe and Factory Outlet (Chelsea Heights)</i>	Jan 2021 - Oct 2022
• Maintained cleanliness and safety standards in a fast-paced production environment, demonstrating reliability and attention to detail	

Projects

VocabForest <i>Cloudflare (R2, Workers, Domains), Supabase (Postgresql, Deno), OAuth 2.0, React</i>	Mar 2026 - Present
• Fullstack vocabulary learning app (React, Tailwind CSS, Supabase, Cloudflare) with end-to-end ownership of backend architecture: schema design, API Fetching/Caching optimisation, RLS policies, and serverless function • Built a cache-first data layer with TanStack Query and React Context. Fetching and normalising Merriam-Webster dictionary and thesaurus data, with optimistic updates and stale-time management to minimise redundant requests • Designed the UI in Figma, then implemented a responsive frontend with Supabase Auth + Google OAuth 2.0. Deployed on Cloudflare Workers with assets served from R2 • Live website: https://vocabforest.com/	
Embedding Search Engine <i>Python, HuggingFace</i>	July 2024 - Aug 2024
• NLP-powered semantic search engine using machine learning (transformers) and vector database • GitHub: Project Link	
Retail Forecasting <i>R, Statistics</i>	July 2024 - July 2024
• Sales data forecasting using ARIMA and ETS • GitHub: Project Link	
Global Data Science / Machine Learning Jobs Overview <i>Tableau, Python, Selenium</i>	Aug 2022 - Sept 2022
• Live Demo: Data Visualisation Link Scraping: Multithread Webscraping	