Zihan Jin

+61 422 931 826 | Canberra, ACT | admin@zihanjin.com

EDUCATION

Monash University   Melbourne, VIC
Master of Computer Science   *Jul 2025 — Feb 2027*

University of Canberra   Canberra, ACT
Bachelor of BioMedical Science   *Jul 2022 — Jun 2025*

WORK EXPERIENCE

Full-Stack Developer   Jan 2023 — Present
The Pharmacy Network   *Canberra, ACT*

- Architected and deployed a unified commerce and data platform to centralize operations and scale e-commerce, directly contributing to a 400% increase in online revenue (from $200k to over $1M).

- **Unified Data & Platform Architecture:**
  ‣ Engineered a robust data pipeline using DotNet and Python to ingest and unify sales, product, and customer data from distributed Minfos POS instances into a central PostgreSQL database.
  ‣ Built and launched a real-time sales dashboard (Go, React, Grafana), providing leadership with a unified view of business performance across all store locations.
  ‣ Developed secure remote access infrastructure, enabling programmatic access to local POS instances for real-time data synchronization.

- **E-commerce & Marketing Automation:**
  ‣ Developed a two-way synchronization system (DotNet, Python) between Minfos POS and BigCommerce to automate inventory, pricing, and promotions.
  ‣ Automated the syndication of the BigCommerce product catalog to Meta, Microsoft, and Google Shopping feeds and integrated reviews with Google Product Reviews.
  ‣ Integrated key third-party services (ShipStation, MailChimp, Microsoft Clarity) to create a seamless workflow for fulfillment, marketing, and user analysis.

- **AI-Driven SEO & Content Strategy:**
  ‣ Engineered an AI pipeline to programmatically backfill and optimize meta keywords and descriptions across thousands of product pages, enhancing search visibility.
  ‣ Developed and deployed an AI-powered system to identify trending topics, automatically generate relevant blog content, and publish it to the BigCommerce storefront.

- **Internal Business Platforms:**
  ‣ Led the development of a custom booking engine (Go, React) for in-store pharmacy services, allowing customers to schedule appointments online.
  ‣ Built a centralized, web-based documentation wiki and an automated incident reporting platform.

Genetics Data Analysis Intern   Jul 2024 — Dec 2024
CResTS Laboratory, University of Canberra   *Canberra, ACT*

- Analysed gigabyte scale genetics data to determine efficacy of novel treatment in alleviating age-related macular degeneration in mice model.
- Researched and presented molecular pathways to explain statistical findings from the data.

SKILLS

- **Programming Languages:** C#, TypeScript, Python, Go, Elixir, SQL, HTML/CSS
- **Frameworks & Libraries:** DotNet, React, FastAPI, Phoenix, Tailwind CSS
- **Tools & Platforms:** PostgreSQL, Git, Docker, Grafana, Caddy, UNIX
- **Industry Platforms:** Minfos, BigCommerce, Google Merchants, Meta for Business, Microsoft Ads