

# Lam Zhi Qiang

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## Profile

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Tech professional with a background in full-stack development and project coordination. Proven ability to lead projects from concept to deployment, bridging technical teams with business goals. Actively seeking opportunities in Product or Technical Project Management role to deliver high-impact solutions.

## Experience

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### Props Factory (S) Pte. Ltd.

05/2024 – 06/2025

*Full Stack Developer & Junior Project Manager*

- Managed end-to-end project lifecycles for the prop construction business, serving as the central communication lead for a **10-person cross-functional team** across multiple concurrent projects, ensuring alignment between clients, internal teams, and leadership.
- **Mobile Workforce Management System [Expo, Supabase, Google Cloud, JavaScript]**
  - Independently designed and deployed a mobile-first app that **eliminated 5 distinct paper-based processes** (timesheets, claims, leave, etc.).
  - Replaced manual time-card writing with a **3-second facial recognition** check-in, and engineered a full-featured system including automated payroll and multi-level approvals.
  - **Outcome:** Achieved **100% user adoption**, **reduced payroll processing time by 90%**, and modernized core company operations.
- **Corporate Website Revitalization [Next.js, TypeScript, Framer Motion]**
  - Scoped project requirements and defined the product roadmap, leading the full project lifecycle from Figma mockups to final deployment.
  - Architected a headless CMS that enabled a new content marketing channel and empowered non-technical staff to publish blog posts and project images independently, **saving 5 developer hours per month**.
  - **Outcome:** Delivered a responsive site that grew monthly traffic by **10% to over 400 unique views** and **decreased the bounce rate by 9%**,

### Lagoon Laundry

08/2023 – 04/2024

*Part Time Customer Service & Frontend Design Assistant*

- Gathered qualitative insights from **5 staff members** and **dozens of daily customer interactions** to inform the user-centric design of a new POS system.
- Collaborated on the system's design, which **automated the manual recording of over 50 daily customer transactions** and **cut processing time by over 30%**.

### Aural-Aid Pte. Ltd.

01/2017 – 06/2017

*Product Design Intern*

- Reduced new-hire onboarding time by an estimated **25%** by creating the company's first **5 standardized product manuals**.
- Independently mastered parametric 3D modeling (Grasshopper, 3ds Max) from scratch to design and render **over 10 complex product models** for a website revamp.

## Projects

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### Personal Portfolio Website

07/2025 – 08/2025

- Engineered a narrative-driven portfolio with an interactive 3D globe (Three.js) and scroll-based animations (Framer Motion) to create an immersive user journey.

- Architected a fully responsive, modular component system in Next.js and TypeScript to ensure scalability and clean, maintainable code.
- Deployed on Vercel with integrated performance analytics and real-time error monitoring (Sentry) to proactively maintain a high-quality user experience.

### Nutriwise (Final Year Project)

10/2023 – 03/2024

- **Project Lead:** Steered a cross-functional team in building a diabetes self-management app from concept to MVP using Agile sprints.
- **UI/UX Designer:** Drove product strategy by conducting market analysis and translating research insights into user-centric wireframes and prototypes.
- **Frontend Developer:** Built and delivered key features for a functional MVP that successfully validated the core concept.

## Education

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### Bachelor in Computer Science(Big Data)

10/2021 – 03/2024

*University of Wollongong, Singapore Institute of Management*

- Graduated with Distinction
- Selected for a competitive semester exchange to Wollongong, Australia

## Skills

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### Product & Project Management:

Full Project Lifecycle Management, Product Roadmapping, Requirements Gathering, Stakeholder Communication, User-Centered Design (UCD), User Research, Wireframing & Prototyping (Figma), Agile Principles

### Programming Languages:

Javascript, TypeScript, Python, C++, SQL

### Technical Stack:

React, React Native, Next.js, Node.js, Supabase, Firebase, Google Cloud, MongoDB, PostgreSQL, HTML/CSS