

Lam Zhi Qiang

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Profile

Resourceful and tech-driven professional with hands-on experience in full-stack development, product design, and cross-functional project coordination. Skilled in delivering user-centered solutions across web and mobile platforms. Actively seeking opportunities in Product or Technical Project Management, where I can bridge users, teams, and technology to deliver high-impact solutions.

Education

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

Experience

Props Factory (S) Pte Ltd - Full Stack Developer & Junior Project Manager 05/2024 – 06/2025

- Coordinated project timelines and supervised processes, serving as the key communication link between clients, internal teams, and company leadership.
- **Mobile Workforce Management System**
React Native (Expo), Figma, Supabase, Firebase, Google Cloud, JavaScript
 - Independently designed, built, and deployed a mobile-first app in React Native, eliminating paper-based workflows and achieving 100% user adoption.
 - Implemented a robust editing and approval system for logs and claims, ensuring data integrity through a pending-state approval process.
 - **Outcome:** Reduced payroll processing time by 90% and modernized core company operations.
- **Corporate Website Revitalization**
Next.js, TypeScript, Tailwind CSS, Framer Motion, Figma
 - Managed the full project lifecycle, from gathering requirements and creating mockups in Figma to leading iterative development cycles.
 - Architected a headless CMS solution with Next.js to empower non-technical staff to manage and publish content independently.
 - **Outcome:** Delivered a responsive site that led to a 10% monthly increase in traffic and improved client engagement.

Lagoon Laundry - Part Time Customer Service & Frontend Design Assistant 08/2023 – 04/2024

- Strengthened user empathy and communication skills through daily service interactions, gathering insights from staff and customers to inform the design of a new custom POS system.
- Supported the POS system design by providing feedback on content and layout to enhance user clarity and overall experience.

Aural Aid - Product Design Intern

01/2017 – 06/2017

- Independently mastered Grasshopper and 3ds Max to design parametric product models and produce 3D visuals for a website revamp, improving customer engagement.
- Authored new product manuals that streamlined internal workflows and earned recognition from management for improving team efficiency.

Projects

Nutriwise (Final Year Project)

10/2023 – 03/2024

Project Leader, UI/UX Designer & Frontend Developer

React Native, TypeScript, GraphQL, MongoDB, Expo, Figma

- Led a team in building a diabetes self-management app from user research to MVP delivery, using Agile sprints and frequent check-ins to ensure alignment and progress.
- Conducted extensive market analysis, reviewing academic research papers and performing competitive analysis on rival apps to inform a robust feature set.
- **Outcome:** Spearheaded a collaborative team environment to successfully deliver a fully functional MVP that validated the core concept and design.

Skills

Programming Languages:

Javascript, TypeScript, Python, C++, SQL

Technical Stack:

- **Frontend:** React, React Native (Expo), HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Supabase, Firebase, Google Cloud Functions & Storage, MongoDB

Product & Project Management:

Stakeholder Communication, Project Planning, User-Centered Design, Agile Principles, Requirements Gathering, Figma