Lam Zhi Qiang

✉ lamzhiqiang98@gmail.com　📞 9682 2301　in http://linkedin.com/in/lam-zhi-qiang

🔗 https://iamnotzq.github.io/　○ http://github.com/iamnotzq　🚩 Singaporean

Profile

Resourceful and tech-driven professional with a background in full-stack development and project coordination. Proven ability to lead projects from concept to deployment, design user-centric solutions, and bridge the gap between technical teams and business goals to deliver high-impact products.

Experience

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 digitized the entire operational workflow.
  - 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 empowered non-technical staff to manage content, and implemented SEO best practices.
  - *Outcome:* Delivered a responsive site that led to a **10% monthly increase in traffic** and **decreased the bounce rate by 9%**,

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

- Conducted continuous user research through daily service interactions, gathering qualitative insights from staff and customers to inform the user-centric design of a new POS system.
- Collaborated on the POS system's design by providing data-driven feedback, directly resulting in a system that **eliminated 100% of manual order writing** and **cut customer processing time by over 30%**.

Aural-Aid Pte. Ltd.　01/2017 – 06/2017
Product Design Intern

- Authored and standardized the company's **first-ever set of product manuals**, creating a centralized knowledge base that replaced inconsistent person-to-person training.
- Independently mastered Grasshopper and 3ds Max to design and render parametric 3D product models for a website revamp, directly contributing to improved customer engagement.

Projects

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

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

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