Lam Zhi Qiang

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

🔗 https://iamnotzq.vercel.app/ ⌗ http://github.com/iamnotzq

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
Graduate with Distinction

Experience

Props Factory (S) Pte Ltd - Full Stack Developer & Junior Project Manager   05/2024 – 06/2025
- Led two key digital transformation projects: a mobile workforce management app and a full corporate website revitalization, overseeing the full project lifecycle, from stakeholder alignment through to launch.
- Achieved significant business impact, including a 90% reduction in payroll processing time, 100% user adoption for the mobile app, and a 10% monthly increase in website traffic.

Projects & Case Studies

Mobile Workforce Management System (Props Factory)   12/2024 – 06/2025
Full-Stack Developer & Product Designer
React Native (Expo), Figma, Supabase, Firebase, Google Cloud, JavaScript
- Independently designed, built, and deployed a mobile-first workforce management app, eliminating paper-based workflows.
- **Key Features:** Designed and implemented a robust editing and approval system for logs and claims, using a pending state to ensure data integrity and allow for admin oversight. Enabled secure check-ins via GPS/facial recognition and integrated real-time notifications.
- **Outcome:** Modernized core company operations including attendance, payslips, and project coordination, creating a single source of truth for workers and supervisors.

Corporate Website Revitalization (Props Factory)   05/2024 – 11/2024
Full-Stack Developer & Product Designer
Next.js, TypeScript, Tailwind CSS, Framer Motion, Figma
- Managed the full project lifecycle, from gathering requirements and aligning with leadership to creating wireframes and high-fidelity mockups in Figma and leading iterative development cycles.
- Architected a headless CMS solution to replace a legacy Wix site, empowering non-technical staff to easily manage and publish content without developer intervention.

- **Outcome:** Delivered a fully responsive site with an automated contact form and interactive animations, leading to measurable traffic growth and improved client engagement.

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