

Ricky Lau

Full-Stack Developer

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SUMMARY

Full-stack developer focused on practical web products, POS-adjacent systems, and business workflows. I build responsive interfaces, reliable data flows, reporting tools, ordering systems, and integrations that support real store operations.

EXPERIENCE

POS Republic — Software Developer

Oct 2022 – Present

- Built and improved production features for mobile ordering, POS customer display, reporting, and store administration workflows.
- Integrated ESC/POS and label-printing flows, including receipt formatting, kitchen routing, and operational print reliability.
- Developed responsive sales reporting dashboards covering daily, hourly, item-level, and payment insights for store operators.
- Worked with payment and delivery integrations including Tyro, Linkly, and Deliverect across real business environments.

Leap In! — Software Developer Intern

Jun 2020 – Jun 2021

- Implemented feedback workflow features for NDIS provider operations.
- Designed REST API endpoints for storing, retrieving, and maintaining structured feedback data.
- Worked with database schemas, data integrity, and collaborative delivery practices in a production-oriented team.

SELECTED PROJECTS

Noodle Broadbeach System

- Built an internal multi-store platform for sales reporting, accounting support, rostering, staff availability, holidays, and bonus-day tracking.

Visa Portal

- Delivered a clean public-facing website for a Brisbane visa service business, focused on clear information architecture and enquiry conversion.

Mobile Ordering Platform

- Built QR dine-in and takeaway ordering workflows with POS integration, printer routing, store administration, and payment-provider considerations.

Sales Report Dashboard

- Created responsive KPI dashboards for owners and managers to review trends, time windows, stores, items, and payment performance.

POS Customer Display

- Developed customer-facing display workflows that mirror basket updates, totals, and promotional content during checkout.

SKILLS

Frontend

- Next.js, React, Tailwind CSS, shadcn/ui, responsive design, accessibility-minded UI, component systems

Backend & Data

- Node.js, REST APIs, NextAuth, MongoDB, MongoDB Atlas, SQL, MSSQL, Firebase, API integrations

POS & Integrations

- ESC/POS, ZPL, WebUSB, kitchen printing, label printing, Linkly, Tyro, Deliverect, payment and ordering workflows

Tools & Practices

- Git, deployment, debugging, data visualization, Recharts, EmailJS, bilingual English/Chinese product interfaces