Edward Chan

0494-899-398 | edwardchan775@gmail.com | LinkedIn | Github

Education

Monash University Graduated Nov 2025

Bachelor of Computer Science (Advanced Specialisation) *Clayton, VIC*

- Relevant Coursework: Advanced Data Structures and Algorithms, Databases, Parallel Computing, Computational Theory

Experience

Lyra Technologies Feb 2026 – Present

Forward Deployed Engineer *Melbourne, VIC*

Apex – internal outbound email platform (TypeScript, Next.js, Postgres, Inngest) *Oct 2026 – Present*

- Sole engineer owning the platform end to end, from gathering requirements with stakeholders to running it in production: wrote the architecture doc and decision log, then shipped in 12 CI-gated PRs with Google SSO and a per-request access allowlist
- Built hourly background sync jobs mirroring 140+ campaigns, 120+ mailboxes and per-lead send history from a third-party API into Postgres, with idempotent snapshots, a rate limiter held to 80% of quota, and retries with backoff
- Designed a unit-tested capacity forecasting algorithm that predicts daily sends per mailbox from sequence delays, send windows and caps; backtests on live data landed within 1–12% of actual weekly sends

BoringStack – multi-tenant data platform (TypeScript, AWS, Postgres, dbt) *Sep 2026 – Oct 2026*

- Built and shipped 3 production data connectors (Shopify, Infor OS, Cin7) in one week, landing client order, payment, and customer data with OAuth, rate-limited readers within a 5k calls/day API limit, and field-level PII exclusion
- Re-architected the ingestion engine to checkpoint and resume imports by cursor across 10-minute Lambda runs, unblocking a 4M+ record backfill of orders, order lines, and payments that had failed on every run
- Dug into a client's prototype dashboard and caught a $220k cash overstatement, traced to a payment-terms assumption, before the client relied on the numbers

ReadMe (YC W15) – API documentation platform (Node.js, MongoDB, React) *Feb 2026 – Sep 2026*

- Centralised role-based access control across 15+ admin routes while migrating legacy AngularJS settings pages to React
- Built the new settings dashboard (real-time API usage metrics, audit log feed, project status), now the default admin landing page for 6,000+ API documentation teams

Culture Amp Nov 2025 – Feb 2026

Software Engineer Intern *Melbourne, VIC*

- Built reusable TypeScript AWS CDK constructs (EndpointSlo, DatabaseSlo, DatadogDashboard) that cut SLO setup from 60 to 10 lines per endpoint, standardising production monitoring across services
- Turned Datadog SLOs, alarms, and dashboards into code-generated config, so teams set availability and latency targets declaratively and got consistent visibility into system health

Atlassian Nov 2024 – Feb 2025

Software Engineer Intern – Compass *Sydney, NSW*

- Built end-to-end scorecard filters (Kotlin, Spring Boot, GraphQL, Postgres, React) across 4,000 scorecards, collapsing multiple API round-trips into one GraphQL query per view
- Added Spring Boot integration tests (JUnit 5) covering core filter paths and GraphQL resolvers

Community & Leadership

Monash Association of Coding (MAC) Feb 2023 – Sep 2025

President ← Vice President ← Events Officer *Melbourne, VIC*

- Led a 60+ person committee serving 1.7k+ members; co-hosted 2 flagship hackathons for 300+ students with a $1.6k prize pool
- Led a marketing team that grew club following from 1.2k to 141k combined followers

Technical Skills

Languages: Java, Kotlin, TypeScript, Python, SQL, GraphQL, C++
Backend: Spring Boot, Node.js, Express, Next.js, dbt, Drizzle, Inngest, React
Cloud & Data: AWS (Lambda, CDK, IAM, SSM, S3), PostgreSQL, MongoDB, Datadog, Sentry, Vercel
Practices: system design docs, CI/CD (GitHub Actions), unit and integration testing (JUnit, Vitest), SLOs and alarming, Git, Unix shell