

Moravy Oum

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WORK EXPERIENCE

Software Engineer

September 2025 - Present

Xero - Bank Feeds (.Net Core, C#, .Net Framework, AWS, Terraform, GitHub Actions)

Summary: Bank feeds pipeline processing ~2M statements/day across 1000+ financial institutions.

- Shipped a new event-ingestion service from empty repo to production, owning the full lifecycle: infrastructure-as-code, event handlers, secrets and networking, logging and metrics, operational-readiness review, and rollout runbook.
- Caught at design that it would call another team's API ~**1M+ times/day** for data it did not need; proposed a leaner endpoint and drove the cross-team redesign to agreement.
- Cut production alert volume by **50%+** (258 to ~54/month) through root-cause analysis and dead code removal - not alert suppression.
- Owned multiple production incidents end-to-end: Sev3 data fix remediating **14,779** records; Bank B PGP key expiry requiring direct bank liaison and cryptographic key exchange; Bank A X9 certificate renewal - each documented for future on-call.
- Led the accounts UI Accounts Page epic (full-stack React/Redux and .NET, 9 PRs across 11 days); caught a spec derivation mid-delivery by cross-referencing primary sources, confirmed the correction with PM and design, and prevented a Phase 2 architecture rework.
- Built investigation and automation tooling and shared it with my team: incident runbooks, certificate automation, and a diagnostic agent for first-pass triage; presented the methodology to **39 engineers** at the divisional Community of Practice.

Full Stack Developer

September 2024 - September 2025

Pushpay (.Net Core, C#, DynamoDB, GraphQL)

Summary: Identity microservice powering authentication and authorisation across all company microservices.

- Led the team's developer tooling adoption: structured pairing sessions, shared workflows, and documented practices that measurably improved team throughput; results presented at the all-hands engineering meeting.
- Became the team's GraphQL SME for identity features, owning endpoint design and leading the knowledge-sharing series that established patterns across the service.
- Authored cross-team design documents and an Auth0 migration plan for a flagship product, delivering stakeholder consensus under a tight deadline.

Full Stack Developer

March 2022 - September 2024

Vista Entertainment Group (.Net Framework, .Net Core, C#, Visual Basic, React)

Summary: High-traffic cinema ticketing API: **15%** CPU reduction, **33%** more test coverage, **60%** faster new-engineer onboarding.

- Profiled and resolved performance bottlenecks (15% CPU reduction) and drove a testing and onboarding-docs initiative that cut ramp-up time by 60%.

Graduate Developer

February 2021 - March 2022

Enlighten Designs (.Net, C#, Javascript, Bootstrap, jQuery, Xamarin)

Summary: Contracted across APIs, mobile apps, and web apps for LIC, NZHL, Sustainable Coastlines, and NZ councils.

EDUCATION

Massey University, Palmerston North

Bachelor of Information Science

Nov 2020

Computer Science and Information Technology

PROJECTS

Zero-AI (private)

Next.js, TypeScript, Prisma, Anthropic SDK, PostgreSQL

Eliminates manual Xero data entry: upload a financial document, a Claude agent classifies it and maps it to the correct Xero account, you approve and it pushes. Built for NZ accountants managing multiple orgs. Module-driven so new document types plug in without changing the core engine.