

Jella An

jella.an@yahoo.com | [Portfolio \(selected projects\)](#)

SUMMARY

Product-minded Mobile & Full-Stack Developer with experience owning and delivering production-ready React Native commerce applications, supported by lightweight serverless backends.

Experienced in designing end-to-end user and operational flows — including authentication, session management, engagement, and content workflows — with a strong focus on reliability, clarity, and real-world usability.

Comfortable working across the stack, collaborating with non-technical stakeholders, and making pragmatic technical decisions that balance product, business, and user needs.

TECHNICAL SKILLS

Mobile Development

React Native, mobile navigation patterns, session persistence, local caching, performance optimization, deep linking

Frontend

JavaScript, TypeScript, component-based UI architecture, state management

Backend / APIs

Cloudflare Workers, Cloudflare R2, Cloudflare D1, API design and integration, lightweight serverless backend workflows

E-commerce Platforms

Shopify API ecosystem, customer authentication flows, cart and product presentation, merchant-side review, promotion and notification management

Engineering Practices

Git, build and release workflows, scripting, relational databases, Cloudflare AI (prompt-based content moderation, sentiment analysis, image validation)

PROJECTS

E-commerce Mobile Platform *Solo project — End-to-end ownership of customer mobile app and merchant admin tooling*

Customer Mobile App

- Implemented wishlist with guest-to-account state merging and a comprehensive order tracking system — featuring fulfillment-based status tabs, multi-shipment support, per-item review triggers, and order summaries accounting for cancellations, refunds, and discounts.
- Implemented secure OTP-based authentication with session persistence, token refresh.
- Integrated deep-linked push notifications to drive user engagement across key lifecycle events (welcome offers, abandoned carts, order updates, review requests).
- Optimized mobile performance through memoization and persistent local caching, ensuring

smooth UX on real devices.

Merchant Admin Console

- Built a merchant-facing admin console enabling non-technical teams to create, manage, and schedule push notification campaigns.
- Designed campaign-based notification workflows aligned with business scenarios such as welcome offers, inactive users, abandoned carts, order shipped, and post-purchase review requests.
- Developed a lightweight serverless backend to orchestrate notification delivery, review processing, and data flow between mobile and admin systems.
- Integrated Cloudflare AI for automated review moderation — including prompt-based content checks, sentiment analysis, and image suitability validation — reducing manual review overhead for merchant teams.

PROFESSIONAL EXPERIENCE

Software Developer

2020 – 2025

IONE INC. — Northbrook, IL (USA)

- Owned development and maintenance of two e-commerce storefronts (Magento 1/2 and Shopify) generating ~5.5M annual sessions and ~200K orders, optimizing page speed through Lighthouse audits, Core Web Vitals improvements, and SEO/CLS fixes — while collaborating with design and sales teams to implement seasonal theme updates, collection filter customizations, and conversion-focused UX improvements.
- Built internal automation tools in C#, PHP, and Python, including an automated customer email system, a shipping label printing tool integrated with carrier APIs (triggered by warehouse staff barcode scans), and a competitor price-monitoring crawler — reducing manual overhead across operations and fulfillment teams.
- Independently led migration of two storefronts from Magento to Shopify within 2 months, migrating 12K+ products (with up to 100 variants each), 200K+ customer records, and one year of order history — along with reviews, redirect mappings, rewards points, images, and video assets — with zero data loss and no service interruption, despite significant structural differences between platforms and no prior Shopify experience.
- Consolidated payment operations across CyberSource, Braintree, and Shopify APIs into a unified internal tool for transaction management, refunds, voids, and approvals — while also integrating ShipWorks for shipping workflows, and driving vendor evaluations for payment, rewards, and shipping platforms including Klarna and Amazon Pay.

Teaching Assistant - Computer Science & Engineering Dept.

2017 – 2019

University of Alaska Anchorage — Anchorage, AK (USA)

Assistant Manager

2015 – 2017

Pioneer Facility Services — Karratha, WA (Australia)

EDUCATION

Bachelor of Science in Computer Science

2019

Minor: Computer Systems Engineering

University of Alaska Anchorage — Anchorage, AK (USA)