

# Nathan Haring

Senior Software Engineer · Operations Leader · Firefighter

Independence, MO

haring.nathan@gmail.com

linkedin.com/in/nathan-haring

816-616-6336

nathanharing.com

github.com/newtophilly

---

## SUMMARY

Solo-shipped **six production native applications in six months** across iOS, watchOS, Android, and web — including a free 8-language tourism app featured by KCTV5 and Fox4 KC ahead of the 2026 World Cup. By day I run inside sales for a **\$20M+ industrial distributor** through NetSuite ERP, where my own automation has saved **500+ hours a year**. Background as a volunteer firefighter and Lieutenant — Chief's Award 2022, formal recognition from the Pennsylvania Senate and House. The thread through all of it: *build the tools that multiply throughput, then share what works.*

## PayCheck Budget

LIVE

*Subscription budgeting SaaS for working families paid weekly, bi-weekly, semi-monthly, or monthly.*

- Designed and shipped end-to-end native iOS + watchOS app — App Store subscription management, entitlement logic, CloudKit family sharing, Siri-powered voice expense logging.
- Headline feature is a “Can I Afford This?” flow that does more than arithmetic — it advises on big-purchase timing and enforces a daily-minimum safety buffer so a yes can't strand the household with \$0 between paychecks.
- April 2026 update: expanded from semi-monthly only to support weekly, bi-weekly, semi-monthly, and monthly pay cadences — fits every cadence American working families actually get paid on.
- 13.8% App Store conversion rate, 300+ downloads as of February 2026; BankruptcyGuide module informed by lived experience.

## GoKC

LIVE · FEATURED BY KCTV5 + FOX4 KC

*Free 8-language Kansas City tourism app, native on iOS and Android.*

- Shipped both platforms in 30 days ahead of the 2026 World Cup using a custom AST-based code-conversion pipeline.
- 750+ curated places across 30+ neighborhoods, 8 languages (English, Spanish, French, Portuguese, Arabic, German, Japanese, Korean).
- Featured by KCTV5 and Fox4 KC — independent press validation.

## NativeBridge

PRODUCTION-USED

*AST-based developer tool that converts Swift to Kotlin in real time.*

- Real-time collaborative SwiftUI workspace; structured multi-language conversion beyond string substitution.
- Used in production to ship GoKC to App Store and Play Store from one codebase, by one engineer.
- Productionized with Postgres, Railway, Netlify; live cursors, lock system, presence and identity.

## BRYKK

SHIPPING

*Privacy-first family location and safety app — the Life 360 alternative that keeps your family's data on your family's phones.*

- Native iOS + Apple Watch + CarPlay app. Real-time family map, place-based notifications, trip mode that auto-starts on CarPlay or Bluetooth hands-free, family chat in iCloud, and a long-press SOS that broadcasts a full-screen emergency overlay to every family device — with Apple Satellite SOS fallback when there's no signal.
- Crash detection with three-signal false-positive defense (drive-mode + speed >25 mph + 18 G CoreMotion spike, or Apple's hardware crash event on iPhone 14+). 10-second pre-alert countdown, then auto-SOS with impact data plus a Live Activity that surfaces medical ID — blood type, allergies, medications — on Lock Screen and Watch face for first responders before anyone unlocks the phone.
- “Guide Me” turn-by-turn — a family member can be 4,000 miles away and you can route them to the nearest safe haven (police, hospital, fire station) in seconds, without leaving the app.
- On-device 18-language translation with a hardcoded MedicalLexicon that bypasses AI for emergency terms (penicillin allergy translates exactly, every time), plus an Apple Foundation Models support assistant with section-routed KB context — never a server round-trip.

## RANKAN

LIVE

*Offline-first tactical mapping and communications platform for fire, search-and-rescue, and field operations.*

- ICS-aligned command structure, real-time personnel tracking, push-to-talk over Bluetooth mesh.
- Resilient architecture for low-connectivity, high-stakes operational scenarios.
- Y Combinator Spring 2026 application submitted; enterprise discovery call with Black & Veatch around pipe-scanning use cases.

## Face2Face

SHIPPING

*Real-time multiplayer in-person game platform.*

- Native SwiftUI multiplayer interaction system optimized for low-latency, in-person gameplay.
- Modern state management and performance tuning for sub-frame coordination.

## Inbox Tickets

DAILY-USE INTERNAL TOOL

*Self-built FastAPI/SQLite CRM that bridges Microsoft Outlook into a workflow ticket queue.*

- AppleScript polls flagged Outlook messages, FastAPI server categorizes and stores tickets, browser UI handles triage.
- Auto-extracts shipping account numbers, normalizes carrier names, cross-references ERP entities.
- Running daily on real production data — built for myself before asking anyone else to use anything I make.

## EXPERIENCE

### Founder · Software Engineer · Self-employed

Oct 2025 - Present

Remote

- Designed, built, and shipped six production native applications solo across iOS, watchOS, Android, and web — see Selected Work.
- Owned full lifecycle on each: system design, data modeling, App Store deployment, post-launch iteration.
- Built developer tooling (NativeBridge) and internal automation (Inbox Tickets) that turn one engineer's output into a multi-platform team's worth of throughput.

### Inside Sales · Sales Operations · Power Motion

Nov 2023 - Present

Lenexa, KS

- Process 43.5% of all sales orders annually for a \$20M+ revenue operation — the highest individual share in the department; ~\$5.5M revenue managed personally.
- Engineered automation suite (Stream Deck workflows, custom NetSuite reports, self-built FastAPI ticketing portal) that has saved 500+ hours of manual work per year.
- Replaced a manual paper-based vendor tracking system with a custom NetSuite report — 75% reduction in fulfillment tracking time.
- Automated quote and order-confirmation processes (~3 minutes saved per transaction across thousands of transactions).
- Build and maintain customized reports and dashboards for leadership real-time decision-making.

### Director of Operations · Aerocharger

Oct 2014 - Oct 2016

New Century, KS

- Oversaw operations for a performance-parts manufacturer: BOM management, inventory coordination, production scheduling, vendor negotiations.
- Redesigned pricing strategy — 44% sales increase and \$80K profit gain inside two months.
- Managed a 20-person staff; controlled costs through strategic vendor negotiations and bulk purchasing.
- Reported directly to CEO on payroll, project status, and strategic direction.

### Outside Sales Representative · Myers Supply

Nov 2016 - Dec 2017

Central & North Arkansas, West Tennessee

- Hit 133% of quarterly sales goal through consultative selling and product-line introductions.
- Managed inventory across the Arkansas State Park system (52 parks) using usage-trend and historical-data analysis.
- Exceeded all quarterly KPIs through strategic account management.

## SKILLS

**Languages:** Swift · SwiftUI · Kotlin · Jetpack Compose · TypeScript · Python · JavaScript · AppleScript

**Apple Platforms:** iOS / iPadOS · watchOS · WidgetKit · SharePlay / GroupActivities · CloudKit · MultipepeerConnectivity · Foundation Models · App Groups · App Store deployment + subscriptions

**Backend & Infra:** FastAPI · Postgres · Supabase · SQLite · Stripe · WebSocket · Railway · Netlify · Vercel · GitHub Actions

**Operations & Tooling:** NetSuite ERP (advanced) · Stream Deck automation · Process design · AST parsing / code-gen · ICS-aligned command · Vendor + customer coordination

## LEADERSHIP & SERVICE

### Active Firefighter · Sugar Creek Fire Department

2024 - Present

Sugar Creek, MO

NREMT certification in progress.

### Volunteer Firefighter & Lieutenant · Perkasio Fire Company No. 1

2018 - 2023

Perkasie, PA

Promoted to Lieutenant for leadership and operational performance. Recipient of the Chief's Award (2022); formal recognition by the Pennsylvania Senate and House of Representatives. Implemented company website, member email systems, and NFIRS reporting compliance.

## CERTIFICATIONS

- Pro Board / IFSAC Firefighter II — May 2023
- Pro Board / IFSAC Fire Inspector I — April 2024
- Pro Board / IFSAC Vehicle Rescue (Awareness & Operations) — January 2023
- Pro Board / IFSAC Hazardous Materials (Operations) — December 2021
- Pro Board / IFSAC Firefighter I — December 2021
- FEMA ICS/NIMS — ICS 100, 200, 700, 800
- Additional accredited training — Pump Operations, Truck Company Operations, Rapid Intervention Team (RIT)
- NREMT — In Progress

## PRESS

**KCTV5** — “Independence man builds free, 8-language Kansas City guide app ahead of World Cup” March 26, 2026

**Fox4 KC** — “Local developer launches app to help World Cup visitors navigate Kansas City” March 2026

## EDUCATION

- Ottawa University — Business Management coursework
- Spring Hill High School — General Studies Diploma