Ross Dickerman

Mobile Engineer (iOS + AWS) | Evanston, IL | ross@dickerman.dev | 540-250-8953
GitHub: github.com/Dross52 | LinkedIn: linkedin.com/in/ross-dickerman-aa893078
App Store: MetraMap | https://apps.apple.com/us/app/metra-map/id6742105707

PROFESSIONAL SUMMARY

Product-minded iOS engineer who ships zero-to-one mobile+cloud products. Built MetraMap, a SwiftUI transit tracker with Live Activities, Dynamic Island, and a push-driven AWS backend. Excel at turning operational chaos into intuitive mobile UX, scaling from first line of code to App Store release while keeping < 0.1 % crash rates. Thrive in small, fast-moving teams where impact is measured in features shipped and users delighted. Hands-on since 2020 (bootcamp → side projects → full-year 0→1 app build), ~5 yrs total software experience.

SKILLS

- **Mobile:** Swift 6, SwiftUI, Combine, UIKit, Live Activities, WidgetKit, MapKit, APNs

- **Architecture:** MVVM, Modular Design, REST APIs, Static Analysis, Code Review

- **Cloud & Backend:** AWS (Lambda, DynamoDB, EventBridge, Secrets Manager), Python, JWT, httpx

- **Quality:** XCTest, Fastlane, CI/CD, Instruments, Performance Profiling

- **Collaboration:** Agile, cross-functional teamwork

EXPERIENCE

Independent iOS Developer — MetraMap
2023 – Present | Remote

- Delivered a production app with real-time data, **Live Activities**, and **Dynamic Island** integration, actively used by commuters, **99.9% crash-free** since launch, **4.8-star rating**

- Built a maintainable MVVM codebase using **Combine** and **Swift Concurrency**, scaling cleanly to 25K+ LOC

- Integrated **GTFS-RT + REST APIs** with debounce/dedupe logic to optimize bandwidth and reliability

- Built **interactive widgets** and shortcut-ready panes via **WidgetKit** and **App Intents**

- Engineered a **secure backend** (Python + AWS) to send JWT-authenticated APNs for background Live Activity updates

- Prototyping **LLM-powered alert parser** that turns service tweets → structured data for user notifications

- Open-sourced **ParallelRouteMapKit** for rendering parallel transit lines

Medline Industries, LP — Sterility Assurance Specialist
2021 – Present | Northfield, IL

- Automated internal audits using **Python + AutoHotkey**, enabled **~20 hrs/wk saved**

- **Partner-led GUI refinement:** iterated on an internal automation GUI with cross-team users, gathering feedback and implementing optimizations that cut their review time by **~40%.**

EDUCATION

M.Sc. & B.S. Chemical Engineering — Technical University of Denmark / Virginia Tech