Ross Dickerman

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

PROFESSIONAL SUMMARY

Product-minded iOS + AWS engineer. Shipped MetraMap (SwiftUI, Live Activities, <0.1 % crashes). Turn chaos into crisp mobile UX, owning code + cloud from Figma to App Store.

SKILLS

- **Mobile:** Swift 6, SwiftUI, Combine, Concurrency, Live Activities / WidgetKit

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

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

- **Quality:** XCTest, 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 − 2025 | Northfield, IL

- Automated workflows using **Python + AutoHotkey**, enabled **~20 hrs/wk saved**, zero-finding audit.

- **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