

Dominik Drag

Senior Swift Engineer · iOS, macOS & AI Workflows

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Senior Swift engineer and technical lead focused on reliable Apple-platform products and practical AI workflows. I combine hands-on engineering, reusable tooling, and clear development practices to help teams improve how they build software.

EXPERIENCE

Independent iOS & macOS Engineer

Consulting & independent products

Sep 2026 - Present

- Consult on native app architecture, reliability, on-device AI, and practical AI workflows that engineering teams can adopt and maintain.
- Automated my own app delivery from idea through implementation, builds, archiving, and **App Store submission**, coordinated from a single prompt.
- Designed **post-build verification loops** that check results and feed findings into the next iteration.

Senior Swift Engineer

Littlebird

Sep 2025 - Jul 2026

- Built the on-device meeting transcription pipeline for a macOS AI assistant: integrated local models, improved transcription quality, and **cut cloud costs by \$20K/month**.
- Built application parsers and **improved the context collection pipeline** to enrich the AI assistant's personal knowledge graph and make generated insights more relevant.
- Engineered real-time audio processing, transcription recovery, and telemetry; resolved meeting-detection and phantom-recording failures across audio hardware.

macOS Engineering Team Leader

NordVPN · Nord Security

Apr 2025 - Sep 2025

- Led the macOS team, **improving app stability** and reducing build times through modularization and build-pipeline improvements.

Senior macOS Engineer

NordVPN · Nord Security

Sep 2024 - Apr 2025

- Delivered post-quantum encryption integration ahead of deadline, coordinating macOS, backend, and QA teams.
- Optimized concurrency in core features, **reducing user-reported issues by 70%**.

iOS Engineering Team Leader

AppUnite

Nov 2022 - Sep 2024

- Built **two fintech applications from 0 to 1** and led seven cross-platform engineers, delivering major releases with zero critical production issues.
- Introduced modular architecture and TDD, **cutting build times from 8 minutes to 1.5 minutes**; reduced release cycles from 8 hours to 2 hours with GitHub Actions and Fastlane.

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

EXPERIENCE / CONTINUED

Senior iOS Developer

AppUnite

Aug 2022 - Nov 2022

- Developed a cryptocurrency exchange platform handling **100K+ daily active traders** with sub-second response times.
- Assumed team leadership during a critical product launch, ensuring on-time delivery despite a resource shortage.

iOS Developer

Accenture

Nov 2020 - Aug 2022

- Contributed to three banking apps serving 2M+ users; implemented biometric authentication that reduced login time by 60%.
- Served as interim team leader for three months, managing five developers; built an AR experience for the Dubai Expo event app.

SELECTED PROJECTS

ddskills

AI agent skills

dominikdrag.com/work/#ddskills

Reusable agent skills for Apple app verification, workflow automation, local transcription, and documenting implementation decisions.

Devflow

Open source · Developer tool

dominikdrag.com/work/devflow

Claude Code plugin for structured engineering workflows: exploration, architecture, implementation, and verification.

InTouch

iOS · Released

dominikdrag.com/intouch

Friend reminders with personal contact cadences and a history of calls, messages, and conversations.

Clear Intervals

iOS · Released

dominikdrag.com/clear-intervals

Workout interval timer with configurable rounds, sets, rest periods, and Live Activities.

Launch Control

iOS · Product preview

dominikdrag.com/launch-control

Morning planning built backward from departure time, with step-by-step guidance and a final door check.

DoseWise

iOS · In development

dominikdrag.com/dosewise

Medication tracking with flexible schedules, dose history, and package supply tracking.

TECHNICAL SKILLS

Native · Swift, Objective-C, SwiftUI, UIKit, AppKit, Combine, Swift Concurrency

Architecture · Modular architecture, MVVM, Clean Architecture, Coordinator pattern, TDD/BDD

AI workflows · Agent instructions, reusable skills, verification loops, workflow automation

AI & delivery · On-device AI, local models, audio/transcription, GitHub Actions, Fastlane

Monetization & analytics · StoreKit, RevenueCat, product analytics

Leadership · Team leadership, technical mentoring, code review, stakeholder management

EDUCATION

B.Sc. Computer Science Military University of Technology, Warsaw

2018 - 2022

Computer Systems Engineering · Study abroad: Polytechnic Institute of Bragança, Portugal (2021)