Darnell Prescott Staff Flutter Engineer

Chevy Chase, MD · darnell.prescott@gmail.com · +1 301-555-0187 · linkedin.com/in/darnellprescott

PROFILE SUMMARY

- **Staff Flutter Engineer** with **11 years** in mobile, leading the move of an **auto insurer's claims flows** from separate native apps to **Flutter**, one flow at a time.
- Works in languages (**Dart 3**, **Kotlin**, **Swift**), Flutter (**add-to-app**, Melos, Impeller), state (**Bloc**, Riverpod), native (**Pigeon**, Dart FFI) and delivery (GitHub Actions, Fastlane, **Sentry**).
- Strongest in **add-to-app migrations**, **shared architecture** for mobile and web, **performance budgets** that CI enforces, and test pipelines that let several teams ship on one release train.
- Works with **claims product leads**, the **design system team**, **iOS and Android engineers** still on native code and **security reviewers**, and writes the RFCs that settle cross-team calls.
- Sets the **Flutter standards** for the claims domain, mentors **5 senior engineers**, runs the monthly **architecture review**, and interviews for senior and staff mobile roles.

TECHNICAL SKILLS

Languages:	Dart 3, Kotlin, Swift, TypeScript, SQL
Flutter SDK & Tooling:	Flutter, add-to-app, Melos, Material 3, Impeller, Flutter DevTools, Flutter Web
State & Navigation:	Bloc, Riverpod, go_router, get_it, freezed
Data & Networking:	Dio, REST APIs, GraphQL, Drift, Room (Android), OAuth 2.0
Native Interop:	Pigeon, platform channels, Dart FFI, Jetpack Compose, SwiftUI (reading), Gradle
Testing:	flutter_test, golden tests, Patrol, integration_test, Espresso, Firebase Test Lab
CI/CD & Monitoring:	GitHub Actions, Fastlane, Codemagic, Sentry, App Store Connect, Google Play Console

EDUCATION

Howard University — **B.S. in Computer Science** — Washington, DC · Aug 2011 to May 2015

WORK EXPERIENCE

GEICO — **Staff Engineer, Flutter** — Chevy Chase, MD · Aug 2022 to Present

- Led the **add-to-app** move of 4 claims flows (first notice of loss, photo upload, rental, claim status) into the native apps, with **Pigeon** bridges to existing auth and camera code, retiring **61 native screens**.
- Wrote the claims domain's Flutter architecture RFC (feature packages in a **Melos** monorepo, **Bloc**, go_router deep links), adopted by 6 teams and cutting new-feature setup from 2 weeks to **3 days**.
- Set app size and frame-time budgets that CI checks on every pull request, using deferred components and split debug info to hold the Flutter engine's added Android download to **6.2 MB**.
- Built the test pipeline for the claims packages (unit, widget, **golden** and **Patrol** tests on a device farm), raising automated coverage of claims flows from 22% to **84%**.
- Added **Sentry** release health checks and symbolicated Dart and native traces to the shared release train, cutting claims-related crash reports by **71%** in the year after the move.

The Washington Post — **Senior Android Engineer** — Washington, DC · Jun 2015 to Jul 2022

- Moved Android releases from hand-built **Gradle** builds to a CI pipeline with **Fastlane** and Play Console staged rollouts, going from monthly releases of the news app to **weekly**.
- Rebuilt the Android article reader in **Kotlin** with dynamic text sizes and TalkBack labels, clearing all **26 issues** raised in an outside accessibility audit.
- Built offline reading for saved articles with **Room** and WorkManager background sync, used by **18% of Android subscribers** within 3 months of launch.