

JULIAN MERCER

MOBILE APP DEVELOPER

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PROFESSIONAL SUMMARY

Mobile App Developer with 8+ years shipping reliable iOS and Android experiences for millions of users. Combines native and cross-platform architecture, API integration, performance profiling, and release discipline to improve engagement and app quality.

CORE SKILLS

Swift | Kotlin | React Native | iOS | Android | Mobile architecture | REST APIs | GraphQL | Offline-first design | App performance | XCTest | Espresso | CI/CD | Analytics | Accessibility

PROFESSIONAL EXPERIENCE

Senior Mobile App Developer Uber, San Francisco, CA

Jul 2022 - Present

- Led checkout architecture in Swift and Kotlin for 24M monthly riders, increasing completed trip bookings 5.4%.
- Introduced modular feature boundaries and shared networking layers, reducing median build time 36% across 70 engineers.
- Profiled startup, rendering, and memory paths, improving cold start from 3.1 to 1.8 seconds on mid-tier devices.
- Built offline-safe state and retry handling for poor-network markets, reducing payment abandonment 12%.
- Set crash-free session and staged-rollout gates, raising release health from 99.3% to 99.85%.
- Partnered with Design on dynamic type and screen-reader improvements, closing 89% of priority mobile accessibility findings.

Mobile Developer Duolingo, Pittsburgh, PA

May 2019 - Jun 2022

- Developed React Native practice flows used by 8M daily learners, improving lesson completion 9%.
- Integrated GraphQL caching and background sync, reducing repeated mobile requests 41%.
- Created experiment instrumentation and guardrails for 32 releases, increasing trustworthy event coverage to 97%.
- Created reusable release checklists and dashboards that shortened coordinated iOS and Android launch preparation 27%.
- Reduced application binary size 18% through asset, dependency, and feature-delivery changes.
- Partnered with Product on app-store and in-product experiments that improved return learning sessions without increasing notification volume.

iOS Developer Square, San Francisco, CA

Aug 2016 - Apr 2019

- Built Swift point-of-sale workflows for 310,000 sellers, cutting refund processing time 28%.
- Implemented encrypted local storage and biometric reauthentication for high-risk account actions.
- Expanded XCTest and snapshot coverage across 16 payment journeys, reducing escaped mobile defects 31%.
- Partnered with API teams on versioned contracts that supported four backward-compatible app releases.
- Reviewed App Store telemetry and customer feedback weekly to prioritize performance and reliability fixes.
- Added production telemetry for API, rendering, and storage failures, shortening mobile incident diagnosis 33%.

EDUCATION

B.S. in Computer Engineering, University of Michigan, Ann Arbor, MI

CERTIFICATIONS

Meta React Native Specialization | Associate Android Developer