David Chung

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SUMMARY

Senior Android engineer with 10+ years in software engineering, focused on navigation, voice, and reliable mobile experiences. At Lyft, led Driver AI Android development, built shared speech infrastructure, and diagnosed Android Auto failures on physical head units. Owned a shared C++ localization library and worked across native clients and backend APIs. Previously co-founded Verdict MMA and owned six Android apps at FantasyPros.

EXPERIENCE

LYFT | Senior Software Engineer, Android

Toronto | January 2024 - Present

- Built a speech framework reused across three products; led Android delivery of navigation voice choices, with staged rollout targeting roughly 750K eligible drivers.
- Isolated an Android Auto release regression to Android 16 through physical head-unit testing, enabling service recovery for unaffected drivers and verifying a targeted fix within roughly three days.
- Owned a shared C++ client-localization library, correcting projected GPS lag during navigation and adding Android 15 compatibility for 16KB page sizes.
- Led the **Driver AI** Android chat and voice client from specification to public launch; negotiated shared API contracts and implemented driving-aware input controls.
- Caught an audio-playback conflict with turn-by-turn guidance while prototyping a navigation co-pilot; measured speech duration against the navigation timer and corrected the client design before release.
- Contributed Android engineering to ads-pin experiences supporting map-based advertising.

VERDICT MMA | Co-Founder & Tech Lead

Remote | June 2021 - December 2023

- Co-founded a seed-funded MMA prediction and social platform serving 100K+ users; owned features across native Android, web, and backend systems.
- Enabled native profile, balance, deposit, and withdrawal experiences with Kotlin/RxJava and backend-for-frontend APIs; handled payment-provider callbacks and pending states in Android flows.
- Moved notification fan-out into Redis-backed queues with bounded processing and bulk enqueueing; optimized leaderboard reads with composite SQL indexes while preserving older Android client compatibility.
- Corrected refund handling so declined full-balance withdrawals could restore the original balance; added callback regression tests and automated admin create/update coverage.

FANTASYPROS | Android Engineer → Senior Android Engineer

Remote | January 2018 - June 2021

- Owned six Android apps, including My Playbook, Draft Wizard, BettingPros, and Fantasy News; improved the average Play Store rating from 4.1 to 4.6.
- Modernized Java code with Kotlin, Coroutines, Flow, and ViewModel; adopted Jetpack Compose and reduced build times by 35%.
- Built CI/CD with automated unit and UI tests and secure release signing; developed white-label Android tooling for ESPN, Yahoo, The Athletic, and the NBA.

COX AUTOMOTIVE | Software Engineer

Toronto | May 2016 - August 2017

- Built web portals for dealership clients (Mazda, Volvo, Hyundai, Porsche) to create and manage vehicle financing applications.
- Designed a daily ETL pipeline aggregating every lease and loan offer in Canada, and hardened the platform with query sanitization to eliminate SQL injection exposure on sensitive financial data.

YELLOW PAGES NEXTHOME | Backend Engineer

Toronto | September 2014 - December 2015

- Built a secure .NET REST API with spatial data for real-estate listings and an ETL pipeline ingesting 200,000+ resale and rental listings daily from vendors with heterogeneous formats.

SKILLS

Android: Kotlin, Java, Jetpack Compose, Coroutines & Flow, RxJava, Android Auto, Gradle, Bazel
Integration: C++, client localization, REST APIs, TypeScript, Node.js, SQL, Redis
Reliability: Physical-device debugging, native lifecycle, audio integration, crash analysis, automated testing

EDUCATION

TORONTO METROPOLITAN UNIVERSITY | B.Sc. Computer Science

Toronto | 2014