David Chung

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SUMMARY

Senior software engineer with 10+ years connecting mobile products to backend systems. Led Lyft Android Driver AI and built speech infrastructure reused across three products. As Verdict MMA co-founder, delivered backend-for-frontend integrations, Node.js workflows, Redis queues, and payment-state regression tests. Experienced in shared API contracts, backward compatibility, reusable frameworks, and mentoring engineers through independent ownership.

EXPERIENCE

LYFT | Senior Software Engineer, Android — Toronto | January 2024 - Present

- Consolidated speech-to-text and text-to-speech into a framework reused across three products; led Android delivery of navigation voice choices through staged rollout.
- Led Android development of Driver AI from specification to public launch; delivered chat and voice experiences, negotiated shared API contracts, and added driving-aware input controls.
- Mentored two Android hires through first-sprint production contributions and independent feature ownership, including API integration, debugging, and delivery practices.
- Built an internal multi-agent pipeline turning product requests into draft iOS and Android PRs, with queued workers and human review gates; packaged the workflow for organization-wide use.

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 delivery across native Android, web, and Node.js backend systems.
- Delivered native profile, balance, deposit, and withdrawal experiences with Kotlin/RxJava and backend-for-frontend APIs; handled payment-provider callbacks and pending states across client and service boundaries.
- Moved notification fan-out and round scoring into Redis-backed queues with bounded processing and bulk enqueueing; added composite MySQL indexes for tournament leaderboard reads.
- Fixed declined full-balance withdrawal refunds to restore the original balance; replayed provider callback sequences in TypeScript regression tests to protect transaction state.
- Extended GitHub Actions deployment controls to release frontend and backend changes independently; maintained version-aware API behavior for older Android clients.

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 Mazda, Volvo, Hyundai, and Porsche dealerships to create and manage vehicle financing applications.
- Designed a daily ETL pipeline aggregating Canadian lease and loan offers; hardened sensitive financial-data queries with input and query sanitization.

YELLOW PAGES NEXTHOME | Backend Engineer — Toronto | September 2014 - December 2015

- Built a .NET REST API with spatial data for real-estate listings and vendor ETL ingesting 200,000+ resale and rental listings daily across heterogeneous formats.

SKILLS

Mobile platform: Backend-for-frontend, API contracts, Kotlin, Java, React Native, shared frameworks
Backend: Node.js, TypeScript, JavaScript, REST APIs, MySQL, Redis, queue processing
Delivery: Backward compatibility, GitHub Actions, CI/CD, automated testing, Sentry, mentoring

EDUCATION

TORONTO METROPOLITAN UNIVERSITY | B.Sc. Computer Science — Toronto | 2014