# David Chung

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## SUMMARY

Senior software engineer with 10+ years delivering consumer products and dependable integrations. Co-founded Verdict MMA and shipped React/Next.js web features, Node.js services, payment workflows, and automated tests. At Lyft, led Android Driver AI from specification to launch, built reusable speech infrastructure, and created internal AI-assisted developer tooling. Experienced in production debugging, client/API boundaries, CI/CD, and mentoring engineers.

## EXPERIENCE

### LYFT | Senior Software Engineer, Android

Toronto | January 2024 - Present

- 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.
- 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.
- Restored Android Auto service for unaffected drivers by isolating an Android 16 release regression on physical head units; verified the targeted fix within roughly three days.
- Mentored two Android hires through first-sprint production contributions and independent feature ownership, including API integration, debugging, and delivery practices.

### 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.
- Shipped React/Next.js and TypeScript web changes, including cursor-based comment pagination and shared-button loading states; added Cypress coverage for admin tournament creation and updates.
- Fixed declined full-balance withdrawal refunds to restore the original balance; replayed provider callback sequences in TypeScript regression tests to protect transaction state.
- 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.
- 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

**Web / backend:** React, Next.js, TypeScript, JavaScript, Node.js, REST APIs, MySQL, Redis
**Quality / delivery:** Cypress, automated regression tests, GitHub Actions, CI/CD, Sentry, AI-assisted workflows
**Mobile / integration:** Kotlin, Java, Jetpack Compose, React Native, API contracts, payment callbacks

## EDUCATION

### TORONTO METROPOLITAN UNIVERSITY | B.Sc. Computer Science

Toronto | 2014