David Chung

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SUMMARY

Senior software engineer with 10+ years in consumer products, API integrations, and financial-data workflows. As Verdict MMA co-founder, delivered Node.js backend changes, Redis queue processing, MySQL indexing, and payment callback regression tests. Earlier built financing portals and daily vendor ETL at Cox Automotive and real-estate APIs at Yellow Pages NextHome. At Lyft, led Android Driver AI and built shared product infrastructure.

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.
- 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.
- 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.

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.
- 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.
- 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.
- 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

Backend / data: Node.js, TypeScript, JavaScript, REST APIs, MySQL, SQL indexing, Redis, .NET, ETL
Correctness: Payment callbacks, transaction-state testing, backward compatibility, queue processing
Delivery / mobile: GitHub Actions, CI/CD, automated tests, Sentry, Kotlin, Java, AI-assisted workflows

EDUCATION

TORONTO METROPOLITAN UNIVERSITY | B.Sc. Computer Science

Toronto | 2014