

ANMOL VERMA

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PROFESSIONAL SUMMARY

Results-driven **Lead Mobile Engineer** with over 12 years of experience in designing, architecting, and developing cross-platform and backend solutions. Expert in **Jetpack Compose, Kotlin Multiplatform (KMP), Flutter, and Android/iOS** development. Proven track record in leading engineering teams, implementing **Clean Architecture**, and optimizing CI/CD workflows to deliver high-quality fintech and consumer applications.

SKILLS

- **Mobile Development:** Android (Jetpack Compose, Kotlin, Java), KMP (Kotlin Multiplatform), Flutter, iOS, SwiftUI.
 - **Architecture & Design:** Clean Architecture, Modularization (Public API approach), SOLID Principles, Atomic Design Systems.
 - **Testing & QA:** Unit Testing (JUnit), E2E Testing, Compose UI Tests, Instrumentation Testing, Test Sharding, Idling Resources.
 - **Backend & Tools:** Ktor, Spring Boot, Exposed ORM, SQL, NoSQL.
 - **DevOps & Infrastructure:** CI/CD Pipelines, Gradle API, Custom Device Farms, Monorepo Management, Git.
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PROFESSIONAL EXPERIENCE

NymCard | *Principal Kotlin Multiplatform Engineer (Contract)* | **June 2025 – Present**

- Lead end-to-end **Kotlin Multiplatform (KMP/KMM)** development for fintech applications, sharing business logic across Android and iOS while maintaining native UI layers.
- Architected an **Atomic Design-based UI system**, increasing UI consistency and reusability by 40% across platforms.
- Manage the **Platform Engineering team**, overseeing the lifecycle of internal SDKs consumed by multiple product squads.
- Implemented a **monorepo build strategy**, significantly improving dependency management and build reliability.

- Established architectural governance and robust testing standards (Unit/Automation) within a highly regulated fintech ecosystem.

Atoms. | *Lead Mobile Engineer (Contract)* | **Sept 2023 – Dec 2025**

- Engineered the Atoms mobile application from the ground up using **Jetpack Compose** and **Kotlin**.
- Implemented a **modular architecture** with a Public API approach, successfully decoupling features from data sources for easier maintenance.
- Achieved high stability by enforcing strict test coverage requirements using Unit tests and Compose UI Tests.

Tray | *Principal Engineer (Remote)* | **June 2023 – July 2024**

- Led a major **migration from Java to Kotlin**, improving code maintainability and reducing technical debt.
- **Increased test coverage by 40%** by establishing a culture of testing, resulting in a measurable reduction in production bugs.
- Developed a **Custom Device Farm** for Android Tests with test sharding, **reducing infrastructure costs by 50%**.
- Mentored the engineering team on SOLID principles and design patterns to improve code efficiency.

Delivery Hero | *Android Engineer (Berlin, Germany)* | **Dec 2022 – April 2023**

- Developed new features for the vendor-facing application using JUnit, E2E, and UI tests.
- Migrated legacy codebases from **RxJava to Kotlin Coroutines**, enhancing performance and readability.
- Reduced UI test flakiness by implementing **Idling Resources** and optimized build logic utilizing the **Gradle API**.

Mutual Mobile | *Android Architect / Tech Lead* | **Nov 2016 – Nov 2022**

- **Architect (Aug 2020 – Nov 2022):** Led architectural shifts toward Jetpack Compose and KMP; managed teams of Android/Flutter developers.
- **Technical Lead (Sept 2019 – July 2022):** Mentored junior developers and performed rigorous code reviews to ensure scalability.
- **Senior Android Engineer (Nov 2016 – Aug 2019):** Designed robust Android applications and optimized performance for high-traffic apps.

Xicom Technologies | *Android Engineer* | **Sept 2014 – July 2016**

- Developed multiple Android applications in an Agile environment, focusing on core functionality and API integration.

EDUCATION

Indo Global Colleges, Chandigarh, India

- **Bachelor of Technology (B.Tech) in Computer Science & Engineering** | 2014

KEY CONTRIBUTIONS

- **Cost Efficiency:** Reduced testing overhead by 50% through custom infrastructure solutions.
 - **Technical Leadership:** Successfully migrated multiple legacy enterprise systems to modern Kotlin-based architectures.
 - **Mentorship:** Directly mentored 15+ engineers in clean code practices and modular architecture.
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