

Harsh Minde

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GITHUB | LINKEDIN | PORTFOLIO

EDUCATION

TERNA ENGINEERING COLLEGE [UNIVERSITY OF MUMBAI]
B.E. COMPUTER ENGINEERING - CGPA: 6.68

Jul 2021 - May 2025
Nerul, Navi Mumbai

B. N. BANDODKAR COLLEGE OF SCIENCE
PCM WITH COMPUTER SCIENCE - PERCENTAGE: 90%

Jul 2019 - May 2021
Thane

NEW KALWA HIGH SCHOOL
SSC EXAMINATION - PERCENTAGE: 81.20%

May 2019
Thane

SKILLS

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|-----------------------|---|
| PROGRAMMING LANGUAGES | Java, Kotlin, Dart, C, C++ |
| LIBRARIES/FRAMEWORKS | Android, Android Jetpack, Jetpack Compose, Flutter |
| TOOLS / PLATFORMS | Android Studio, Git, GitHub, Gradle (KTS), CI/CD (GitHub Actions) |
| DATABASES | SQLite, Room, Firebase, Firestore |

PROJECTS / OPEN-SOURCE

CINELAYR | LINK Kotlin, Jetpack Compose, Clean Architecture, REST APIs, Koin, Room, Ktor, Coil, CI/CD

- Engineered a production-grade modular Android Movie App (11 modules) to enforce strict dependency rules, ensuring scalability & maximizing long-term maintainability.
- Implemented offline-first data flow with Paging 3 + RemoteMediator to efficiently handle caching, pagination, & seamless synchronization of remote & local data sources.
- Built Jetpack Compose UI with Flow-based ViewModels for state management, & added a Glance widget for daily trending movie updates via WorkManager & theme persistence via DataStore.
- Achieved ~15% P50 Hot Startup gain & ~40% smoother CoV via Baseline Profiles & Macrobenchmarks.
- Built & release signing using Keystore, configured ProGuard, & automated testing with GitHub Actions.

NEWSROOM | LINK Kotlin, MVVM Architecture, REST APIs, Hilt, Room, FTS4, Retrofit, Glide, CI/CD

- Developed a production-grade Android News App with a single-activity & multi-fragment design, focused on maintainable, scalable development.
- Integrated custom caching (2-min cache, 7-day stale) & auto API key injection for reliability; enabled offline full-text search for instant, precise lookup of stored news articles.
- Built WorkManager-based periodic sync with notifications & a widget supporting deep-link navigation.
- Optimized cold startup performance, reducing CoV by ~41% with Baseline Profiles & Benchmarking.
- Delivered 71 unit, 61 instrumented & 6 macrobenchmark tests, with an automated testing & build flow.

VOTECHAIN | LINK Flutter, Firebase, Web3, Solidity, Ethereum (Sepolia), QuickNode RPC

- Architected a secure, hybrid on/off-chain cross-platform blockchain voting system enabling transparent, tamper-proof, scalable digital elections & immutable vote integrity.
- Deployed smart contract via QuickNode RPC, integrated Firebase Auth + MFA for metadata, real-time dashboards, & a role-based access (Admin, Voter, Candidate, Party Head, Guest) ensuring robustness.

CERTIFICATIONS

- The Complete Android 15 Course [Part 1]-Master Java & Kotlin - **UDEMY**