

# Dmitrii Rodionov

## MOBILE ARCHITECTURE & MODERNISATION — CONTRACT PROFILE

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Android and Flutter engineering for teams that need to modernise a mature product, introduce Flutter without replacing native foundations, or turn repeated UI and flow work into governed platform mechanisms.

### ENGAGEMENTS

- Android legacy modernisation and Jetpack Compose migration
- Flutter feature delivery and native Android-to-Flutter integration
- Mobile architecture audits, migration plans and implementation support
- Design System and Backend-Driven UI platform work

### SELECTED DELIVERY

#### Progressive Flutter migration · ANNA Money

- Production add-to-app architecture with Pigeon, FlutterEngineGroup, feature flags and native fallbacks.

#### Android platform modernisation · ANNA Money

- Incremental Java/VIPER/XML to Kotlin/MVVM/Compose migration with team-adopted templates and compatibility paths.

#### Android media product · Argo

- Built from scratch; beta Day 27, working MVP Day 40, then public release with HLS/DASH playback, casting, social discovery and local data.

#### EV charging client · TAU

- End-to-end Android ownership across maps, queues, reservations, payments and backend-controlled physical state.

### TYPICAL DELIVERABLES

- Architecture assessment and prioritised migration roadmap
- Working implementation with explicit native/platform boundaries
- Reusable components, contracts, templates and team documentation
- Incremental rollout and rollback strategy for production systems

### WORKING MODEL

- Start with product constraints, codebase boundaries and the smallest valuable migration slice
- Keep production delivery moving while new architecture is introduced behind explicit compatibility paths
- Leave documented patterns and reusable mechanisms that the internal team can continue to operate

### CORE STACK

- Android · Kotlin · Jetpack Compose · Coroutines / Flow · MVVM · modular architecture
- Flutter · Dart · add-to-app · Pigeon · native interoperability
- Protobuf · REST · GraphQL · Room · Paging · ExoPlayer · HLS / DASH

### AVAILABILITY

- Selective part-time and contract engagements · worldwide remote
- Email: [dmitrii.rodionov@daocacao.online](mailto:dmitrii.rodionov@daocacao.online)
- Upwork: <https://www.upwork.com/freelancers/daocacao>