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Top Skills

Google ARCore
Gson
RecyclerView

Dmitry Chernenko

Senior Android Developer | Kotlin, Java, Mobile Developer, Jetpack, KMM | 10+ years of experience building high-performance mobile applications
Paphos, Cyprus

Summary

As a Senior Android Developer with 10+ years of experience, I specialize in building high-performance mobile applications from scratch, optimizing complex systems, and delivering seamless user experiences. My expertise spans Clean Architecture, Jetpack Compose, KMP, and cross-platform integrations such as Google Fit, Health Connect, and Huawei Health. I thrive at the intersection of mobile and backend development, designing scalable solutions like voice search with Azure AI or NFC-based metro card payments that push technical boundaries while keeping code maintainable and future-proof.

My work drives measurable impact: I reduced video processing time by 50%, boosted catalog conversion by 12%, and cut crash rates by 70% through rigorous refactoring. I built a unified Health SDK now used across 3 company projects, while increasing Huawei sync stability by 50% with fallback logic. Whether leading teams or solo-delivering features, I combine deep technical chops with a focus on business outcomes, like slashing unauthorized users from 17% to 9% via onboarding redesign.

Passionate about mentoring and best practices, I've migrated 5 modules to Clean Architecture, achieved 82% test coverage, and streamlined CI/CD pipelines. My approach blends technical excellence with tangible business results.

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Experience

Dirion

3 years 1 month

Senior Android Developer

June 2024 - Present (2 years 2 months)

Moscow, Russia

- Developed Health Connect synchronization system for steps and workouts, ensuring cross-platform compatibility.
- Achieved 82% test coverage for core modules, significantly improving feature reliability.
- Optimized 2 feature modules, reducing bug reports by 45% and tripling development speed.
- Implemented fallback logic for Huawei Health, increasing synchronization stability by 50%.
- Created unified permission manager, eliminating 60% of code duplication and accelerating new feature integration.
- Built universal SDK for Fit/Health/Huawei services, adopted across 3 company projects.
- Migrated 5 modules to Clean Architecture with Coroutines, enhancing code maintainability.

Senior Android Developer

July 2023 - June 2024 (1 year)

Yerevan, Armenia

- Optimized catalog interface, reducing product selection time by 25%.
- Configured detailed analytics, achieving 100% action tracking in the catalog.
- Refactored onboarding flow, decreasing unauthenticated users from 17% to 9%.
- Implemented pinned banners, boosting homepage conversion by 12%.
- Developed new filter system, significantly improving search relevance.
- Added image scaling, enhancing UX in product listings.

Triller

Senior Android Developer

February 2022 - July 2023 (1 year 6 months)

United States

- Doubled video rendering speed, reducing average processing time from 7.5s to 3.7s.
- Migrated streaming from HLS to MP4, decreasing buffering by 40% on slow connections.
- Fixed 30+ bugs in video editor, reducing crashes by 70%.
- Implemented SSOT and pagination, cutting code duplication by 60% and speeding up content loading.

- Optimized ExoPlayer with reel caching, significantly improving UX on poor connections.

Dirion

Android Team Lead

December 2021 - November 2022 (1 year)

Yerevan, Armenia

- Developed the project core, ensuring stability and achieving 99% crash-free user sessions.
- Configured logging and Sentry, speeding up bug debugging by 40%.
- Built a payment screen with MotionLayout, enhancing UX with smooth animations.
- Implemented CI/CD, automating app builds and deployments.
- Optimized sprint planning, boosting team efficiency.

GrowApp Solutions

To The Moon Mobile - Android Team Lead

October 2020 - January 2022 (1 year 4 months)

Rostov-on-Don, Rostov, Russia

- Designed the project architecture and core, enabling faster release cycles of up to 1 release every 2 weeks.
- Developed the navigation stack, reducing feature implementation time by 20%.
- Configured CI/CD pipelines, automating app builds and deployments.
- Implemented sprint planning, optimizing task distribution across the team.
- Introduced a unified approach to feature modules, simplifying code maintenance.

Snowfall

Senior Android Developer

February 2020 - October 2020 (9 months)

Russia

- Was one of developers who developed MVP(Minimum Viable Product) of one of the top Middle East airlines.
- Delivering new features and bug fixes.
- During development were used latest Android Jetpack libraries, MVVM design pattern, Kotlin and much more.
- With the new release stability of the app reached 99.5%+ of crash-free users.
- The app has 1m+ users.

GrowApp Solutions

2 years 5 months

Moneybase - Android Team Lead

May 2019 - January 2020 (9 months)

Rostov-on-Don, Rostov, Russia

- Developed the app's main screen, ensuring intuitive access to key features.
- Implemented AES-256 encryption to secure users' financial data.
- Built a dynamic pricing plan selector with an animated slider and adaptive UI.
- Created a transaction history component with period-based filtering.
- Implemented bank card management, enabling seamless addition/removal of cards.
- Developed a 3D card visualizer with interactive rotation and animations.
- Integrated local push notifications for critical in-app events.
- Designed the core app architecture, ensuring scalability and maintainability.

Android Developer

September 2017 - June 2019 (1 year 10 months)

Rostov-on-Don, Rostov, Russia

- Developed a compatibility verification feature, reducing error rates.
- Redesigned the user profile screen, enhancing UX and load speed.
- Implemented navigation functionality, streamlining transitions between screens.
- Configured real-time notifications, boosting user engagement.

Don State Technical University

Senior Lecturer

September 2016 - August 2017 (1 year)

Россия

- Lectured at the Department of Computer Science and Media Technologies.
- Introduced interactive teaching methods, significantly improving student engagement and academic performance across the department.

Education

Don State Technical University

Master's degree, Information Technology · (2010 - 2016)