

Oleksandr Poltavets

Senior Software Engineer

Android · AOSP · Linux · CI/CD & developer tooling

10+ years in commercial software development

Product-minded engineer with end-to-end ownership of Android development, from technical investigation and architecture to release. I combine Android framework knowledge and hands-on AOSP work with complex debugging, internal testing tools and CI/CD automation. I bring a creative approach to solving platform constraints and improving how developers and QA build, test and deliver software.

RECENT EXPERIENCE

Coach Catalyst

Apr 2026 - Present

Senior Android Engineer · Contract / Remote

- Own Android architecture and end-to-end feature delivery, including Compose modernization and complex troubleshooting.
- Build internal developer and QA tools for app-state and database inspection, network diagnostics and defect reproduction.
- Establish CI/CD and continuous delivery, automating builds, release preparation and distribution to QA.

Kotlin · Compose · Gradle · GitHub Actions · Firebase

GlobalLogic

Nov 2024 - Feb 2026

Senior Android Engineer

- Investigated Android framework capabilities and system limitations on an AOSP-based project; solved complex platform-related requirements.
- Built internal testing and automation utilities; delivered features and diagnosed complex bugs across two projects.

AOSP · Android SDK · Kotlin · Java · Gradle

Cognizant

Sep 2023 - Nov 2024

Mobile Reverse Engineer

- Analyzed Android apps statically and at runtime, inspecting network traffic and using Frida instrumentation.
- Investigated obfuscated code, cryptographic logic and malicious behavior; documented security findings.

JADX · Ghidra · Frida · Android SDK · Java

1FORFIT

Oct 2022 - Aug 2023

Senior Android Engineer

- Built a reusable Android platform from scratch and shipped a family of diet apps on top of it.
- Designed multi-module architecture; established CI pipelines and unit / UI testing workflows.

Kotlin · Jetpack Compose · Room · Material 3

Grid Dynamics / Macy's

Jun 2021 - Oct 2022

Senior Android Engineer

- Coordinated authorization-module development, sprint planning, code review and refactoring.
- Designed feature modules and navigation using Android Architecture Components.

Kotlin · Java · Architecture Components · Navigation

CONTACT

Location
Gdańsk, Poland

Email
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Portfolio
poltavets.dev

GitHub
github.com/MediaPortal1

LinkedIn
linkedin.com/in/opoltavets

TECHNICAL PROFILE

Android & AOSP
Android SDK, AOSP; framework behavior, lifecycles and system constraints

Infrastructure & Tooling
Linux, Bash / Shell, Git; developer environments, build automation, internal tooling and engineering workflows

CI/CD & Release Engineering
GitHub Actions, Gradle, continuous delivery; automated builds, release workflows, artifact distribution and QA handoff

Testing & Diagnostics
Developer / QA tools, app-state and database inspection, network diagnostics, unit / UI tests and defect investigation

Security & Analysis
Static / runtime analysis, Frida, JADX, Ghidra; secure storage and encryption

Programming Languages
Kotlin, Java, Dart
Additional: C++, JavaScript

Oleksandr Poltavets

Senior Software Engineer · Experience & background

EARLIER EXPERIENCE

Ministry of Digital Transformation of Ukraine
Feb 2020 - May 2021

Senior Android Engineer

- Designed application layers for securely receiving and storing sensitive user data.
- Integrated Google and Huawei services; built adaptable UI and animations within the application architecture.

Kotlin · MVVM · Dagger 2 · Room · Google / Huawei Services

EGYM / Netpulse
Mar 2018 - Feb 2020

Senior Android Developer

- Delivered branded fitness apps through Google Play, including Holmes Place, Injoy, Crunch and ELEMENTS.
- Translated client requirements into technical solutions and integrated brand-specific functionality.

Kotlin · Java · RxJava 2 · MVVM · Gradle

Swan Software
May 2017 - Mar 2018

Middle Android Engineer

- Designed cloud-to-mobile database synchronization, data models and REST data contracts.
- Planned application architecture and built CI/CD pipelines and artifact-management workflows.

Kotlin · RxJava 2 · Moxy · StorIO · Gradle

CAREER BEGINNINGS

Seductive Movile
Nov 2016 - May 2017

Middle Android Developer

- Implemented customer features and custom Android UI; handled publication, support and defect analysis.

Java · Android SDK · Mortar · Flow

Infopulse / Olympic UA
Jan 2016 - Nov 2016

Junior Android Developer

- Implemented application features and screens; contributed to debugging and architecture work.

Java · Android SDK · MVC

Freelance.ua
Jun 2015 - Sep 2016

Freelance Android Developer

- Redesigned search aggregators with Material Design and RxJava; built a drawing-education app from scratch.

Java · Android SDK · RxJava · Canvas

EDUCATION

Bachelor's Degree

Computer Science & Software Development
University "Ukraine", Kyiv
2016 - 2018

Junior Specialist

Software Engineering
College "KKTE NAU", Kyiv
2012 - 2016

FURTHER ENGINEERING

Architecture & Data

Modularization, MVVM / MVI, Coroutines / Flow, Room, Ktor and offline synchronization

Cross-platform & Web

Flutter / Dart apps and games; additional web development experience

AI-ASSISTED WORKFLOW

Tools & agents

Claude agents, Codex, Gemini, GitHub Copilot and Cursor

Implementation, debugging, refactoring and code review.

SPOKEN LANGUAGES

Ukrainian - Native
Russian - Native
English - C1
Polish - B1

DOMAIN EXPERIENCE

Health & Fitness (3+ years), e-government, e-commerce and telecom.

