Roman Pihariev

Flutter Team / Tech Lead

Kyiv, Ukraine | Remote | Full-time / Part-time

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PROFILE

Hands-on mobile engineering leader with 10 years of experience across native Android and Flutter development. Combines product thinking with application architecture, infrastructure, CI/CD, and release ownership. Experienced in hiring, mentoring, and managing engineers. Created a team-wide AI-assisted engineering framework connecting product requirements with implementation, documentation, and QA.

EXPERIENCE

Quests Inc. | Mobile Team / Tech Lead

October 2018 - Present | Currently limited engagement

Social discovery and offline activities platform with 23,000 registered users.

- Delivered the initial mobile product launch in late 2018 and led the transition from native Android/iOS to Flutter starting in January 2020.

- Built the Flutter application, designed its architecture, and established development infrastructure and CI/CD using GitHub Actions and Codemagic.

- Managed and mentored 1-2 direct reports, hired 10+ Flutter engineers throughout the role, and held responsibility for mobile releases.

- Reduced CPU time spent rendering UI by at least 60%, measured with Flutter DevTools, and implemented cache-first data access with background updates.

- Created and introduced a team-wide AI-assisted engineering framework covering technical planning, implementation automation, documentation, QA test matrices, and task creation from product requirements.

Dev-Better | Flutter Software Developer

November 2020 - November 2021 | Part-time

- Developed a healthcare application serving more than 500,000 users.

Sirin Software | Flutter Software Developer

July 2019 - September 2019 | Part-time

- Developed a Flutter application with hardware integration.

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EARLIER EXPERIENCE

Freelance | Android Software Developer

March 2019 - June 2019 | Part-time

Native Android application development.

Seniordev | Android Software Developer

March 2018 - October 2018

Native Android development; projects covered by NDA.

MobiDev | Android Software Developer

October 2016 - June 2018

Native Android development; client projects covered by NDA.

XELENTEC LLC | Android Software Developer | Aug - Sep 2016

EPAM Systems | Java Intern | Apr - Jul 2016

SELECTED PROJECTS & OPEN SOURCE

CareMo' | Independent product | In development

Local-first vehicle ownership cost tracker. Product planning, architecture, and implementation across mobile, web, and backend infrastructure. Stack: React Native, Expo, TypeScript, Supabase, SQLite, React, Next.js, and a Node.js AI/import worker; shared domain logic and contracts in a monorepo.

Flutter + Supabase Development Toolkit - Reusable development tooling, documentation templates, and AI-agent instructions for bootstrapping projects.

Open source - Contributions to Android libraries CameraKit and Cicerone.

TECHNICAL SKILLS & EXPOSURE

Mobile: Flutter, Dart, Android, Kotlin, Java, React Native, Expo

Architecture & state: BLoC/Cubit, Riverpod, Provider, GetIt, RxDart

Data & integrations: REST APIs, WebSockets, Dio, Firebase, Supabase, SQL, Hive, SQLite, authentication, push notifications, deep links, maps, media, in-app purchases

Web & backend: TypeScript, React, Next.js, Node.js, Go, PostgreSQL

Delivery & quality: Git, GitHub Actions, Codemagic, CI/CD, release management, Flutter DevTools, performance profiling, Flutter testing tools

Analytics: Firebase Crashlytics, Mixpanel, AppsFlyer

AI-assisted engineering: Cursor, Codex, agent instructions, specification-driven implementation, automated documentation, QA planning

Leadership: Technical direction, people management, hiring, mentoring, architecture reviews, cross-functional planning

EDUCATION

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

Bachelor's degree, Chemical Technology | 2011 - 2015

LANGUAGES

Ukrainian - Native | English - B2 (Upper-Intermediate) | Russian - Native