

Paul Zarudnev

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Senior Software Engineer

Experienced software engineer with a strong background in developing high-performance native and cross-platform mobile applications. Seeking an opportunity to leverage my skills in full-stack development and AI. Working with Flutter since its first stable release in 2018.

WORK EXPERIENCE

Lead Mobile Engineer • October 2022 - Present **Propup Inc.**

- Building a platform for real estate management.
<https://www.gopropup.com/>.

Lead Mobile Engineer • September 2021 - October 2022 **QWIC**

Cutting edge Dutch e-bikes. <https://qwic.eu/>

- Developed mobile application to interact with e-bikes. Integrated new IoT platform (based on Nordic Semiconductor chip) with mobile software using Flutter.
- Established documentation requirements for new feature definitions and collaborated with a design team to create an effective format for keeping and exchanging design system properties between teams.

Lead Mobile Engineer • January 2019 - August 2021 **LINAGORA**

Open Source Solutions. <https://LINAGORA.com>

- Contributed to the open-source collaboration platform Twake (<https://twake.app>), building the mobile client using Flutter.
- Addressed collaboration issues between development and testing teams by implementing agile principles and aligning deployment schedules, resulting in reduced inefficiencies.

Senior Mobile Developer • November 2015 - January 2019 **Union Smart Technology**

Building IOS and Android applications with Flutter. <https://unionsmarttech.ru>

- Reduced development costs by 50% across multiple projects by unifying iOS and Android codebases with Flutter.
- Refined XML-to-Flutter SDK solution for managing white-label applications for mobile network providers, resulting in significant improvement of UI performance.
- Developed a Flutter plugin for the mobile network provider, leveraging Tesseract and WebRTC to enhance the authentication flow and OCR with native iOS and Android integration.
- Released the iOS app for Revenue Grid, a Revenue Operations and Intelligence (RO&I) platform that enables Salesforce integration.
apps.apple.com/nl/app/revenue-grid/id1532878712
- Created the mPOS application with Flutter, leveraging NFC for user authentication. Built an Android plugin to establish connections between the Flutter client and the natively implemented core functionality of POS.

Mobile Application Developer • December 2013 - November 2015

Self-employed

Development and maintenance of iOS applications. App Store distribution and analytics management. Freelancing on Upwork.

- Development and maintenance of native iOS applications using Swift and Objective-C.
- Wafer Messenger: an iOS application that enables sending messages to numerous other popular apps (WhatsApp, Viber, Facebook Messenger, Snapchat, SMS, etc.) (wafermessenger.com)
- Health status online - iOS application enables Bluetooth connection to specified devices, performing medical tests, synchronizing measurements with Apple HealthKit, and sharing data with healthcare providers.
- Reachout: an iOS application of anonymous mental health support network.

EDUCATION

Bachelor's in Computer Science

Belgorod State Technological University • January 2011 - December 2015

SKILLS

- Agile methodologies, CI/CD, Clean Architecture, Core Animation, Core Data, Cross-platform development, Custom UI development, Dart programming language, Database management, Debugging and troubleshooting, Deno runtime, FastAPI, Flutter, Git version control, Go, In-App Purchase, Java, JavaScript, Jetpack Compose, Kotlin, Localization, Memory management, Multithreading and concurrency, Networking, Objective-C, Performance optimization, Push-notifications, Python, SDK building and integration, Streamlit, SwiftData, Swift programming language, SwiftUI framework, Testing and Quality Assurance, Third-party API integration, TypeScript, UIKit framework

PROJECTS

Wrapped

Mobile application for finding the best doner kebab or shawarma spots based on the user's location.

<https://play.google.com/store/apps/details?id=com.zarudnev.wrapped>

Flattener

Dart CLI tool that flattens a directory structure.

<https://github.com/RockinPaul/Flattener>

Twake

Mobile application for open-source collaboration platform.

<https://twake.app/>

PitchPerfect: Musical Notes

Mobile application for mastering musical notation.

https://play.google.com/store/apps/details?id=com.zarudnev.music_notes

Radioactivity

Internet radio browser.

Available on <https://play.google.com/store/apps/details?id=com.zarudnev.radioactivity>

PropUp

Mobile app for real estate property management platform.

<https://apps.apple.com/us/app/propup/id1609091570>