

# ALEKSANDR FILIMONOV

Senior iOS Developer

+44 077 566 99 348 ◊ London, UK

[job.search@alexfilimon.dev](mailto:job.search@alexfilimon.dev) ◊ [linkedin.com/in/alexfilimon](https://linkedin.com/in/alexfilimon) ◊ [alexfilimon.dev](https://alexfilimon.dev)

## OBJECTIVE

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Senior iOS Developer with **7+ years** of experience building **scalable, high-performance** mobile applications that solve complex technical challenges. Deep expertise in **AVFoundation** and **media processing optimization**, consistently delivering solutions that improve performance by up to 60% for platforms with millions of users. Passionate about creating elegant architectures that balance technical excellence with business impact. Holder of the UK Global Talent Visa.

## SKILLS

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<b>General</b>	Team management, Code review, Agile, Coaching/Mentoring, Problem solving, A/B testing.
<b>iOS</b>	Swift, Objective-C, UIKit, SwiftUI, AVFoundation, Combine, CoreData, Coordinator, AutoLayout, VIPER, RESTful APIs, GraphQL, CoreImage, Metal, Firebase.
<b>Backend</b>	Python, Node.js, Astro.js, SQL, NoSQL, Google Cloud.
<b>Tools</b>	Git, JIRA, CI/CD pipelines (Fastlane, GitHub Actions, Xcode Cloud).

## WORK EXPERIENCE

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**Senior Software Engineer (iOS)** October 2023 – Present  
Deliveroo — [deliveroo.co.uk](https://deliveroo.co.uk) London Working on the Search team, enhancing search algorithms and user experience for a platform serving millions of customers across 11 countries.

- **Increased search speed by 5%** through UI optimizations, directly contributing to a 3% increase in search-to-order conversion rate.
- Optimized build system architecture and improved developer experience, resulting in **15% faster cold builds and 50% faster cached builds**, saving approximately 120+ engineering hours per month across the iOS team.

**Senior iOS Developer** February 2024 – August 2024  
SmileCraft — [smilecraft.uk](https://smilecraft.uk) London

An innovative oral health assistant app designed to simplify and improve daily dental care.

- **Launched** an iOS app from scratch on the App Store **in just 3 weeks**.

**Senior iOS Developer** May 2022 – January 2024  
Prequel — [prequel.app](https://prequel.app) Montenegro

Top App Store photo editor with 2.4M monthly active users (MAU) across the US and UK.

- **Reduced media processing time by 60%** with an innovative stream decoding strategy and AVFoundation engine improvements, saving \$100,000+.
- **Reduced code maintenance time by 35%** through a cross-platform OpenCV integration.

**iOS Developer** September 2020 – May 2022  
VK Clips (VKontakte) — [vkclips.app](https://vkclips.app) Russia

Leading social network video platform with over 100M MAU (TikTok/Facebook alternative).

- **Increased daily clip views by 35%** through the development of highly complex UI components.
- **Doubled daily video uploads** by optimizing the performance of the core video editor using AVFoundation.

**iOS Developer** September 2018 – September 2020  
Surf Russia

One of Russia's top 10 mobile app development companies.

- **Boosted order volume 5x** by developing an innovative UICollectionView carousel.
- **Enhanced video interaction by 40%** and **doubled FPS while scrolling** through advanced AVPlayer integration.

## EDUCATION

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Master of Computer Science, Russia, Voronezh State University

2016-2022

## PUBLIC SPEECHES

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- **What Disney Taught Us About iOS Animations:** Presented at NSLondon at Goodnotes about animations in SwiftUI.
- **How to Cook UICollectionViewLayout:** Presented a tutorial on customizing UICollectionViewLayout to enhance layout strategies. [YouTube](#).
- **Interview:** Discussed key iOS development trends and shared insights into my career and advice for developers. [YouTube](#).
- **Podcast:** Shared experiences on developing personal projects and their impact on my growth. [YouTube](#).
- **Preparing AVFoundation:** Delivered a tutorial on setting up and using AVFoundation for advanced media handling in iOS apps. [YouTube](#).
- **Adopting Animation Principles from Cartoons:** Explored applying traditional animation principles to iOS UI animations. [YouTube](#).
- **How to Make Complex UI Components in iOS:** Provided a deep dive into building complex, customizable UI components with practical examples. [YouTube](#).