

Alexey Komov

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Work experience

EPAM • Lead Software Engineer • (2011 - present)

Large oil company (mid 2022 - present)

- Led development of corporate mobile application for iOS and Android.
- Improved code quality with unit tests, code review, automated pipelines (Microsoft Azure, React Native, TypeScript).
- Implemented built-in feature of short videos that user can record and play (Banuba SDK, Objective-C, Kotlin).
- Implemented in-app update feature with custom app store.
- Integrated with front-end team responsible for built-in webview-based web app, established message contracts (React, TypeScript).
- Implemented native parts of the application for iOS: integration of video editor, video player functionality (Objective-C, UIKit).

Large car retailer (early 2020 - mid 2022)

- Implemented client side functionality for document upload (TypeScript, React, Redux, Redux Thunk, Material-UI).
- Developed, supported AWS-based services for identity verification and document upload (Lambda (Serverless), SQS, SNS, ECS, DynamoDB).
- Was a code-owner for front-end repository.

Large entertainment industry client (2018 - early 2020)

- Led development of analytics mobile application (further - app) for iOS and Android.
- Supported and created parts of CI and CD infra (Gitlab, [Fastlane](#), [Appcenter](#)).
- Created native watchOS application for main app (Swift, WatchKit).
- Implemented parts of UI for mobile app (React Native).

Media industry client (2016 - 2018)

- Developed several services as POC in scope of large web-application for TV (further - application) (React, Redux, Reselect).
- Developed scheduler system for application notifications (Node.js).
- Developed part of major update for application main menu (Node.js, [EFL](#)).
- Developed complex view for part of application settings (Node.js, EFL).
- Maintainer of notifications part of the application (Node.js, EFL).
- Interviewed candidates for the project.
- Mentored junior developers.

Telecom client (2012 - 2016)

- Started practice to implement frontend in JS when needed instead of using JSP templates. This resulted in better development speed and separation of concerns between developers.
- Did frontend development for NBAA - dashboard and suggester web-application (Scala, Lift, jQuery).
- Developed frontend for analytics dashboard, user interface of which can be created purely with configuration from DB (Bootstrap, JavaScript, Scala).

- Developed features for and maintained CAT - legacy IE 5.5-only web application, both frontend and backend parts (jQuery, [HTML Components](#), Java).
- Implemented features for daemon for sending SMS messages (Java).
- Implemented features for RTCC - large integrator app that connects different services (Java 8).
- Created frontend for chart application for visualizing data from MongoDB in realtime (Canvas, MongoDB).
- Interviewed candidates for the project.

Client who were using dashboard based on netvibes.com (2011 - early 2012)

- Developed several widgets and components for dashboard (JavaScript, HTML, CSS, [UWA](#)).
- Code-reviewed another developers.

EPAM internal

- Conducted 100+ technical interviews.
- Developed [iOS app](#) for EPAM social project (see [open source](#)).

Scand • Frontend Software Engineer • (2007-2008)

- Developed ajax-based web calendar prototype (PHP, MySQL, JavaScript). (*Was used as inspiration for [calendar application side project](#) later*).

Side projects and open source

- Authored [Reflect Calendar](#) - fast and minimalist web calendar, [source](#).
- [Travel app for iOS](#), native (Objective-C, UIKit, Core Data, Mapbox). <https://github.com/radzima-green-travel/green-travel-combine>.
- iOS-like momentum scroller built with the web technologies <https://github.com/alexeykomov/momentum-scroller>, [demo](#).
- Pythagoras tree with React and Google Closure Compiler. <https://github.com/alexeykomov/pythagoras-tree/>, [demo](#).
- Chart application for Telegram Chart Contest <https://github.com/alexeykomov/chart-contest>, [demo](#).

Education

- [BSUIR\(FITC\)](#), master's degree • (2000 - 2005)

Courses

- Coursera course - [Algorithmic toolbox](#).
- Coursera course - [Data structures](#).
- React Native mentoring program in EPAM. [Application developed as a result](#).
- Rolling scopes [iOS course](#).

Skills

languages and standards

Proficient: JavaScript, HTML, CSS, TypeScript, Objective-C
Have experience: Swift, Java, Scala, Python

Frameworks, libraries and technologies

- Proficient:
React (Redux, Saga, Material-UI, Redux Thunk)
React Native

iOS (Objective-C)

Google Closure ([Google Closure Compiler](#), [Google Closure Library](#))

- Have experience:

Swift

Node.js (AWS Lambda, Express, Jade(Pug), EFL, MongoDB)

[GWT](#)

jQuery

Scala ([Lift](#))

Java (JDBC, Oracle)

Docker

Spoken languages

English - B2+

Russian - Native

Belorussian - Native

Inspirations

- Web.
- Large web-applications, yet with simple UI.
- Performance.
- Simplicity.
- Challenging problems on the edge of what is possible in Web platform.
- (*Recently*) distributed systems and data structures.
- (*Recently*) similarity and common principles of UIs in general, such as web and mobile.
- (*Recently*) Native mobile development for iOS.

Personal interests include, among other, popular science, traveling, books and music.