

# Alexey Komov

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## Inspirations

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- 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 - started iOS development.

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

## Skills

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### languages and standards

JavaScript, HTML, CSS, Objective-C, TypeScript

Swift, Java, Scala, Python.

### Frameworks, libraries and technologies

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

React (Redux, Saga, Material-UI), React Native

jQuery

iOS (Objective-C, Swift)

Scala ([Lift](#))

Java (JDBC, Oracle)

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

Docker

## Work experience

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### Scand • Frontend Software Engineer • (~ 1 year, 2007-2008)

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

### EPAM • Lead Software Engineer • (> 10 years, 2011 - to present)

#### Client who used dashboard based on netvibes.com (2011 - early 2012)

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

#### Telecom client (2012 - 2016)

- 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).

## 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).

## Large entertainment industry client (2018 - early 2020)

- Dev lead for 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).

## Large car retailer (early 2020 - present)

- Implemented client side functionality for document upload (TypeScript, React, Redux, Material-UI).
- Supported AWS-based services for identity verification and document upload (Lambda (Serverless), SQS, SNS, ECS, DynamoDB).

## Side projects and open source

- Authored [Reflect Calendar](#) - fast and minimalist web calendar, [source](#).
- iOS-like momentum scroller 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](#).
- Travel app for iOS, native (Objective-C, UIKit, Core Data, Mapbox). <https://github.com/radzima-green-travel/green-travel-combine>

## Education

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- School with class with emphasis to mathematics.
- Graduated from [BSUIR](#), FITC, got master's degree.
- Coursera course - [Algorithmic toolbox](#).
- Coursera course - [Data structures](#).
- React Native mentoring program in EPAM.
- Rolling scopes iOS course.

## Spoken languages

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Russian - Native

Belorussian - Native

English - B2+