



Oleg Babichev

Frontend developer

Education

- 2015–2017 **MSc in Applied Mathematics and Informatics**, *Moscow Institute of Physics and Technology*, Department of Innovation and High Technology, *Subject*: Social network analysis of email communications within companies.
Supervisor: Associate professor Zvonov Denis
- 2011–2015 **BSc in Applied Mathematics and Physics**, *Moscow Institute of Physics and Technology*, Department of Radio Engineering and Cybernetics, *Subject*: Research of performance of full-system simulator Simics.
Supervisor: Associate professor Stepin Andrey

Professional Experience

- 2019–today **Software engineer**, *PPRO Group*, Munich (Germany).
- 2018–2019 **Frontend developer**, *GermanPersonnel e-search GmbH*, Munich (Germany).
- 2016–2018 **Chief IT Engineer**, *Sberbank-Technology*, Moscow (Russia).
- 2015–2016 **Lead Engineer**, *Sberbank-Technology*, Moscow (Russia).
- 2013–2015 **Intel platform simulator developer (Intern)**, *Intel*, Moscow (Russia).

Projects

- Pricing Tool **TypeScript, React, GraphQL, Apollo, SQL, Kubernetes**, *Web application to manage the process of generation contracts in the PDF format and their approving*.
I started this project from scratch and created MVP (Minimal valuable product). Then the implementation of the production version was started and I partially moved to the backend side. On this project, I used containerization with Docker and Kubernetes, and implemented an API based on query language (GraphQL).
- Personal e-search system **PHP, Zend, AngularJs**, *B2B web application that supports HR's to publish job ad and to manage profiles of applied candidates*.
I have come to this project as a frontend developer but due to project reasons, I started to work a lot on the backend with PHP/Zend and Postgres. During this project, I dived into PHP, Zend, Laravel and worked with Postgres, Redis, Docker and RabbitMQ

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- Manager mobile workstation **JavaScript, ReactNative, React, Redux, thunk**, *An iOS ReactNative application for internal managers..*
 During this project I learned JavaScript and React. The project is based on React, Redux and thunk stack. Also, I built a continuous integration for this project with Jest unit testing, SonarQube static analyzer, building iOS app with xcode, publishing to the internal mobile distributing server and Jenkins as a combiner for all steps. I was a team leader and I had got an experience of working with Jira, divide, evaluate and delegate tasks to team members.
- Sberbank Europe **Android, Java**, *An Android native application for foreign users for banking. My first Android application where I learned Android SDK and libraries like Dagger and Robotium.*
 It was my first step into the world of mobile developing and I joined a big project that had been developing already for 3 years. I was breaking through the heaps of code and creating unit and GUI tests. Also, I added some new screens with functionality. On this project I learned how to work with Idea and write Android app with Java.

Programming skills

- JavaScript, TypeScript React, ReactNative, Redux, Express
- GraphQL Apollo, Postgraphile
- PHP Zend, Laravel
- Java SE, Spring, Hibernate, RxJava
- Android Developing MVP, Dagger
- Python Numpy, Pandas, Django, Simics devices modeling
- C, C++ Simulator device modelling
- Matlab image processing
- CVS git, svn

Extra-Curricular Activities

- 2019 **"React Design Patterns and Best Practices" (Michele Bertoli)**, *Translation of the book into Russian*, Link: <https://github.com/obabichev/React-Design-Patterns-and-Best-Practices-Rus>
- 2019 **Docker Essentials**, *Udemy*.
- 2019 **Getting Started With Docker: Key Concepts for Beginners**, *Udemy*.
- 2018 **Introduction to HTML5**, *Coursera*.
- 2016 **Mathematics and Python for data analysis: part 1**, *Coursera*.
- 2016 **Mobile developing summer school**, *Yandex*.
- 2015 **Programming Mobile Applications for Android Handheld Systems: Part 1**, *Coursera*.
- 2015-2016 **Web/Mobile developing program**, *TrackMail, Mail.ru Group*.
- 2014 **Java semester course**, *NetCracker*.
- 2012 **C/C++ education program**, *iLab, Intel*.

Languages

English Fluent
German Upper intermediate
Russian Native

Personal Details

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Profiles

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GitHub <https://github.com/obabichev/>
FaceBook <http://facebook.com/obabichev>
YouTube https://www.youtube.com/channel/UCr-zu7pW5c_X9ex3UoDU0qQ

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