



# Denis Tokarev

Senior JavaScript Developer

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 <https://github.com/devlato>

## Summary

I'm a JavaScript developer. I used to do both frontend and backend and with any suitable technologies because I love to learn new stuff. I always do a detailed analysis of tasks and problems, that's why I accurately follow the estimations and deliver required features in time.

Here is a shortlist of my qualities:

- 6 years of experience in Web Development industry.
- Strong knowledge of JavaScript and another Web technologies.
- Experience in both development and team leadership.
- Love and high interest to analyse and solve problems.
- Recently I've started contributing in some open source projects, and I want to do more.
- Bachelor's degree in Software Engineering related speciality.

if you are interested, please feel free to contact me any time. I like to discuss technologies, products, problems and solutions. Also, if you want to hire me, please [send me an email](#).

## Education

Kazan National Research Technical University named after A. N. Tupolev

2008 – 2012

<https://kai.ru/web/en>

Bachelor's degree in Automated Information Processing and Control Systems.  
(kind of Software Engineering in Russia)

# Work experience

## Zalando SE

May 2018 – Now

<https://zalando.de/>

### JavaScript Developer

TNA/DNA Tooling project. It's basically some kind of IDE or browser-based editor for Zalando mobile applications and also a related developer platform. It's implemented with JavaScript, TypeScript, React, Redux, Node.js, Express.js, etc.

JavaScript

TypeScript

React

Redux

Vanilla JS

Node.js

Express.js

ES6

Jest

CSS3

HTML5

Webpack

## Zalando SE

December 2017 – April 2018

<https://zalando.de/>

### Freelance JavaScript Developer (Contractor)

TNA/DNA Tooling project. It's basically some kind of IDE or browser-based editor for Zalando mobile applications and also a related developer platform. It's implemented with JavaScript, TypeScript, React, Redux, Node.js, Express.js, etc.

JavaScript

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## Deutsche Bank / HCL Technologies

September 2017 – November 2017

<https://db.com/>

### Senior React Developer (Contractor)

UI Kit for Wealth Management projects. Includes full development cycle of reusable UI components with React and TypeScript. The position was in Frankfurt. I had to go back to Berlin because of personal and family reasons so I decided to quit.

JavaScript

React

Redux

ES6

TypeScript

Jest

CSS3

HTML5

Webpack

glispa GmbH.

April 2016 – August 2017

<https://ui.ampiri.com/>

Frontend Developer, Team Lead of Ampiri UI Project

Ampiri is a project that provides an SDK to mediate mobile advertising networks. Instead of having lots of mobile advertising networks to embed manually a publisher of app could just embed only our solution and set up network mediation transparently. Our backend also could do it automatically according to a best revenue strategy.

We have a special web service called Ampiri UI (ex-Moneytap UI) which allows app publishers to create an account, easily download and set up apps, ad units, SDK and mediation and to track the reporting information. It is implemented with modern technology stack like React, Redux, CSS Modules, SASS, Express.js, Spring MVC etc. I was implementing this project from scratch using my knowledge and requirements that I got maintaining the old Moneytap UI.

After some internal changes the new major version of Ampiri was renamed to Avocarrot, and after to Glispa Connect.

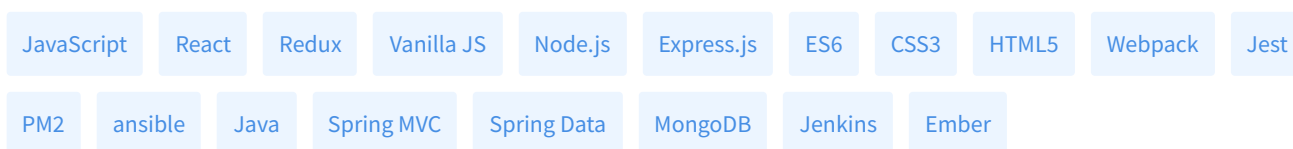
During the work I am responsible for:

- Development of Ampiri UI from scratch following pixel-perfect design.
- Guarantee a good quality of the product.
- Providing and following the estimations for stories.
- Interviewing and hiring new team members.
- Managing the team and rounding the edges.
- Delivering all the features to production in time.

So, basically during the year in glispa I did the following main parts:

- Authentication flows – the UI that user sees on the very first steps, it allows to create an account, confirm it, log in using username and password, restore password by email etc.
- Apps management – allows to create and edit apps, create and edit ad units and view some quick reports about revenue and another metrics by selected dates.
- Networks management – manage networks for app, enable and disable networks, edit networks settings per ad unit and per app with validation, Google OAuth and lots of custom logic like network configuration merge.
- Mediation management – manage mediation waterfalls, create and edit mediation rules, handle and validate lots of states related to mediation configuration.
- Reporting – lots of reports about revenue, eCPM and another metrics by networks, by countries, by apps, deep reports, mediation transparency report etc. by given dates.

- In-House Campaigns – lots of complex UI for in-house campaigns management to provide a proper for mediation, and an appropriate reporting.
- User Profile – here is some UI to edit user contact information, edit passwords, download invoices, view Tipalti transactions etc.
- Ampiri Account Manager UI – the whole Ampiri UI adopted for an account manager needs: account managers could do everything regular user do for all the users, also it allows to add new users to existing publishers and to view some additional reports like Revenue report.
- Extra stuff like Mandrill and SendGrid integration to send emails, Google integration, multiple backend microservices integration etc.
- UI REST API microservice development – handle data operations on publishers, apps, ad units, users, networks, mediation.
- Deployment automation – currently UI could be deployed to any machine from scratch without any problems. Deployment supports different profiles and targets including simultaneous deployment to several environments.
- Code quality standards and development processes – setup linters, build tools, tests, improve and formalize development processes for better developer performance.
- New iteration of the product made together with Avocarrot and shipped with Avocarrot brand (now glispa Connect) – Application management, backend services, etc.
- etc.



Moneytap (acquired and renamed to Ampiri by glispa GmbH.)

September 2015 – April 2016

<https://ui.moneytapp.com/>

Full stack JavaScript Developer, Moneytap UI

Moneytap is a project that provides an SDK to mediate mobile advertising networks. Instead of having lots of mobile advertising network SDKs a publisher of app could just embed inly our solution and set up network mediation transparently, or our backend could do it automatically according to a best revenue strategy. Moneytap was aquired by glispa GmbH., and glispa moved the whole team to Berlin to work on a new features, and Moneytap was renamed to Ampiri.

I was responsible for maintenance of existing Moneytap UI – a Spring MVC driven web app for configuring apps, ad units, networks and mediation and viewing the reports. We had an MVP release plan, and I followed it and delivered everything in time as it was planned.

Actually when I started working here, Moneytap UI had no open registration available for everyone, and everything was handled mostly by account managers. My main task here was to migrate lots of features available for account managers so it could be available to everyone, and to introduce an open registration so publishers could create accounts themselves.

[JavaScript](#)[Jade](#)[jQuery](#)[Vanilla JS](#)[CSS3](#)[HTML5](#)[Karma](#)[ansible](#)[Java](#)[Spring MVC](#)[Spring Data](#)[MongoDB](#)[Jenkins](#)

## SEMrush

March 2014 – September 2015

<https://semrush.com/>

Full stack JavaScript Developer, Billing, Account Management, PDF Reports

SEMrush is one of the leading companies specialized on SEO tools. I started working here in 2014 in the Brown team responsible for Billing, some features for account managers, several types of report widgets and export of all the available reports to beautiful PDF. In real life PDF export was working pretty poorly, it was slow and implementation was based on Cron jobs.

Together with my colleague we founded a new team called Khaki team and started development of a new real-time PDF export tool with constructor, Widget DSL and Widget API, so all the other teams can easily create their own widgets for the data that they provide to be exported, and both teams and users can create report templates with ability to configure widgets using UI and change the templates using drag and drop in a constructor implemented as a web app. When the report branding feature was introduced, this PDF Export Tool started to be one of the main selling points of SEMrush.com

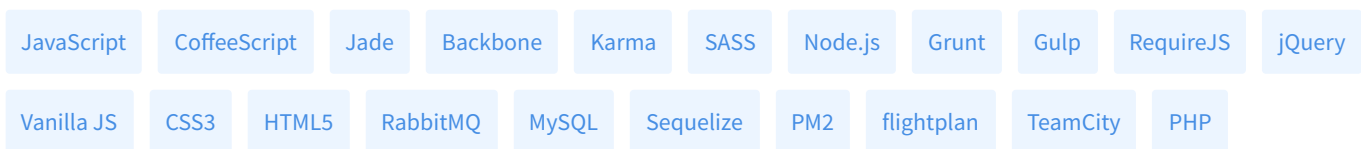
As a part of the Brown team I was responsible for:

- SEMrush Chart Tool support – we had a special web tool for users so they can compare some data with another and see the comparison on a chart.
- SEMrush Billing microservice web UI – all that forms that ask user to provide credit card data, a list of prices and plans etc.
- Account manager access rules and appropriate UI to manage the rules and permissions available for users.
- Logging of actions performed by account manager to track who made the changes with appropriate UI and diff view.
- Corporate accounts feature.
- PDF export tool based on wkhtmltopdf and hand-made set of hacks to split the generated html on pages.
- SEMrush.com deploy automation to speed up deployment process and get rid of legacy operations.

When I was a developer in the Khaki team, I've made the following core features:

- New PDF Export Tool (a.k.a. My Reports) project architecture – the way how we organized the workers and their communication to provide the best performance and extendibility.

- All the database structures and data models and flows for PDF Export including report template schema, widget tree serializations and deserializations, generation tasks etc., so basically the whole domain model.
- The whole backend API to serve requests related to report templates, access rights, generation tasks, branding etc.
- All the automated data migrations and versioning of data schemas.
- Basic unit test coverage.
- Server-side REST API workers, HTML generation workers, a bit of PDF conversion workers.
- AMQP bindings and the whole AMQP flows to send messages between workers and persist it.
- Load tests, performance tests.
- Build configurations.
- Deployment scripts.
- Manual and automated testing.



BeGet Ltd.

July 2013 – March 2014

<https://beget.com/>

Web Developer, Control Panel and Hosting Panel

BeGet is one of the leading Russian hosting providers and domain registrars. It offers a huge amount of services including dockerizing, one-click CMS install and automated backups from third party services. It's technical support is very loyal to users and always help to transfer the data from another hosters.

Here in BeGet I was a part of a pretty small developer team. Basically, when I was working here the company was pretty young, and there were only four developers including me, and we supported the whole infrastructure.

During my work period here I've implemented and delivered the following features for Control Panel:

- Introduced a simple binding for PHP templates instead of the poor one that was used before.
- Reimplemented contact generation with Latex.
- Reimplemented user invoices section.
- Added new features to the user profile section.
- Reimplemented and improved a server statistics section, so user could see the stats for all the dedicated servers he has. Previously there was no such possibility, also for this task I implemented some APIs to collect the data on remote servers.
- Developed a top bar section with notifications about ticket responses and long polling synchronization.
- Reimplemented Support section and improved backend background file upload.

- Reimplemented News section.
- Reimplemented and updated several sections on the landing site.

Also I've implemented and delivered the following features for Hosting Panel:

- Email newsletter section with visual editor of emails and extendable templating.
- New features in Ticket system for technical support.
- Reimplemented dedicated server healthcheck and configuration section.

PHP

JavaScript

CoffeeScript

jQuery

Backbone

CSS3

HTML5

MySQL

## Lightsoft Research

March 2013 – July 2013

<http://lightsoft.ru/>

### Web Developer, Remote job, Hotelbook project

Lightsoft Research is a company that creates a web applications related to tourism automation. It has several projects, and one of them was Hotelbook. I started working here remotely in the team spreaded over ex Soviet Union territory. While I was working here I implemented some sign up flow changes, search changes and account manager features.

PHP

JavaScript

Vanilla JS

jQuery

CSS

HTML

MySQL

## Praktika Document Exchange System

November 2011 – February 2012

<http://sd-praktika.ru/>

### Web Developer Intern, Reporting

Praktika is a document exchange system developed for Russian government. It automates lots of flows related to bureaucracy. I had an 3 month internship here with some goals to develop a new reporting pages for a ministry of agriculture of the region.

PHP

JavaScript

CoffeeScript

jQuery

Backbone

CSS3

HTML5

PostgreSQL

## Kgtu-Kai

August 2011 – May 2012

<http://kgtu-kai.ru/>

## Software Engineer

Kgtu-Kai is a project named by the Russian name of the university I graduated. It is a start up project my friend founded, and he called me to work for him on this web service. It is about spreading the knowledge between students by collecting and selling study e-books, courses and materials. Unfortunately, we couldn't earn lots of money on it, but at least we tried.

During my work here I was developing both frontend and backend. Here is the list of features I implemented and maintained:

- Sign up, login, password restore.
- Notification system.
- Internal messenger with possibility to attach files that looks like the old Facebook messaging UI, but in 2011 it was modern.
- File Search with filters and kinda smart search.
- Study materials upload with wide range of categories.
- Encryption and protected file serving to prevent the data theft.
- Rating and commenting system.
- Download limits according to the purchased plan.
- Communities similar to simple versions of Facebook ones.
- Shared files.
- Text notifications on mobile phone.
- Shared mailbox integration.
- Kinda auction system to sell the study materials.
- Etc.

PHP

JavaScript

Vanilla JS

jQuery

CSS

HTML

MySQL

## Hobbies

I like to travel a lot! I travelled mostly through Europe, but visited USA twice and I love it very much. My next goals are Australia and New Zealand.

Also I like to watch movies or comedy series, and sometimes I do some sports. Recently I've started going to gym, so probably I will be very strong in couple of years (or maybe not :D).

## References



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Kgtu-Kai / Tatinet