

ALEXEY TAKTAROV

Full-Stack Developer and Designer

Moscow, Russia

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Date of birth	01/15/1991	Place of birth	Rostov-on-Don
Nationality	Russian	Driving license	B/Russian

PROFILE

Experienced and reliable full-stack web developer with a good sense of design and full of creative ideas.

My main area of interest includes interactive single-page web applications built on top of **React/Redux**, **Ember.js** and **Vue.js**. I write well-documented and tested server-side code using **Node.js** or **Ruby on Rails**. Found myself really passionate about UX/UI: I love building systems with clean structure and design integrity from bottom-up. I also enjoy working on data visualizations and 2D/3D graphical experiments: been working with **Web Audio**, **Canvas** and **WebGL** APIs.

In the meantime I'm a member of a non-profit community Code Hipsters: we organise local IT-meetups, write front-end digest in social media and do some open-source. List of things I've played around recently: **Go**, **CycleJS**, **Rx**, **FRP** and **animations in React**.

EDUCATION

❖ **Southern Federal University** Sep. 2008 – Jun. 2014
Masters Degree in Applied Math and Computer Science Rostov-on-Don

❖ **Hogskolan i Halmstad** Jan. 2013 – Jun. 2013
Exchange programme Halmstad, Sweden

As a part of Erasmus programme I've been studying Electrical Engineering in Halmstad University (*hh.se*) in Sweden. During the semester I was attending 4 courses in total, all focused around embedded, real-time and cyber-physical systems.

Together with my partner Jonas Jon we've built a cyber-physical model of a ping-pong robot and took a first prize in the Ping-Pong robot challenge.

EXPERIENCE

❖ **Full-Stack Engineer, resume.io** Jul. 2016 – Present
Remote

Together with a friend of mine and colleague Tikhon (we work together under the brand **These Guys**) we built a working web-based resume generator for the client from Netherlands. We got first working prototype and our first paying customer in less than a week; the current client base of *resume.io* is around 100k users now.

The service runs on top of **Ruby on Rails**, has **Sidekiq** background jobs services, *Slack* integration, built-in analytics, email campaign editor and **Stripe** support while the core UI is working on **React/Redux/Redux Saga**. The client is able to launch the product on new markets in just a click: *resume.io* is i18n-friendly and is customisable for each country in the admin area. I've built the entire architecture of a service and was responsible for the development on both server and client side: from SEO/PageSpeed tweaks and markup to DevOps-related work.

Fun fact: the resume you're reading now is generated on *resume.io*.

❖ **Front-End Developer, Evil Martians** Jun. 2016 – Aug. 2016

Remote work

Was working remotely with Evil Martians team *evilmartians.com* during the summer of 2016 developing client-side part of one of the YC'2015 startups. The project was built on top of Ruby on Rails backend with the React/Redux for UI. The stylesheets were organised with BEM methodology and written in SCSS.

❖ **Developer/Team Lead, Smartomato** Feb. 2014 – May. 2016

Rostov-on-Don

I've built the architecture and have implemented 3 client-side single-page apps all written using Ember.js framework and Ember.Data; one of the apps was built on top of PhoneGap/Cordova platform. Besides that I did experiments with React and React.Native and was responsible for collecting UI components in a unified Ember UI kit. I also made a design of some of the components.

I did Ruby on Rails and API development and wrote several 3rd party integrations: POS-terminals, delivery websites etc.

❖ **Front-End Developer, Grapheme** Sep. 2013 – Feb. 2014

Rostov-on-Don

Built several web-experiments and advert projects using Node.js, Socket.io, Web Audio API and Canvas APIs. Was using Lavarel framework for back-end code. Some of the tools I've built during my work at Grapheme are open-sourced.

❖ **Lab Assistant, SFU Research Institute** Sep. 2009 – Aug. 2013

Rostov-on-Don

Was working in a research lab where I did a lot of system and network programming. Took part in a projects written in C/C++ with **Boost, Qt, pthreads**. Received a huge expertise working with Win32 platform and its internals: threads, sockets, IPC, PE file format, window procedures and asynchronous IO.

OWN PROJECTS

❖ **Developer/Co-owner, Ficus.io** 2014 – Present

<https://ficus.io>

❖ **Code Hipsters, Ideologist/Community and Meetup Organizer** Feb. 2014 – Present

<http://codehipsters.com>

SKILLS

React/Redux	<i>Expert</i>	Ruby on Rails	<i>Expert</i>
Ember.js	<i>Expert</i>	Node.js	<i>Experienced</i>
D3/Canvas/Physics	<i>Skillful</i>	C/C++	<i>Skillful</i>

COURSES

❖ **Metaprogramming in Ruby** Mar. 2016

by *Dave Thomas*

❖ **Cyber-Physical Systems** Feb. 2013

Hogskolan i Halmstad

HOBBIES

Conference Talks, Comic Books, Flying Kites, Documetaries, Cats

LANGUAGES

English	<i>Highly proficient</i>	Russian	<i>Native speaker</i>
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