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## summary

I have a broad experience in developing complex web applications from scratch, as well as an experience of refactoring legacy code for the purpose of improvement of base project architecture.

Technologies and frameworks I've worked with:

1. Frontend: Require.js with plugins; Underscore.js / Lodash.js, FRP libraries: bacon.js, kefir.js, most.js; Backbone.js, Backbone.Marionette, Cujo.js (wire.js, when.js, meld.js, cola.js, rest.js), Handlebars.js, React.js + Reflux, Moment.js, jQuery, Vanilla JS, Jasmine.js, Jasmine-Jquery, Sinon.js, Mocha.js, Supertest.js, Bower.io, Grunt, Browserify.js, Bootstrap, SASS/LESS, HTML5, BEM, CSS2/3, JSON, XML, RAML; ActionScript / Flash / Flex / AIR;
2. Backend: PHP4/5 OOP, Apache, MySQL, Drupal, Yii, Sphinx, Java, JBoss Seam, JSF, JSP, Node.js, Connect.js, Express.js 3/4, Sequelize ORM 3v, Sqlite3, session storages and so on.;
3. VCS: git+stash / svn;
4. IDE: Sublime.text + plugins + grunt.tasks, [Brackets];
5. CI: teamcity;
6. Bug tracking system: jira
7. Unix shell;
8. Methodology: Agile + Scrum

Experience in deploying node.js apps to Heroku / synchronization with github.

## skills

- JavaScript
- Design Patterns
- Browserify.js
- Marionette.js
- Cujo.js
- GruntJS
- AJAX
- CSS
- CoffeeScript
- jQuery
- Kefir.js
- JSON
- AOP
- WebSockets
- Test Automation
- Continuous Integration
- Frontend MVC
- RequireJS
- Backbone.js
- Lodash.js
- HandlebarsJS
- Bower.io
- HTML5
- Responsive Web Design
- LESS
- Bacon.js
- React.js
- OOP
- Git
- JasmineJS
- Test Driven Development
- Node.js

## experience

- Express.js
- Java
- JBoss Seam
- Apache
- Drupal
- MySQL
- Apache Flex
- Photoshop
- Scrum
- MongoDB
- JSP
- Oracle
- PHP
- Yii
- ActionScript
- AIR
- JIRA
- Agile Methodolgy

### Agent.ru

04 / 2013 - Present

*Senior Frontend Developer*

Implementation of highly modular and unit-testable front-end architecture for new product platform:

1. Development of the mobile application for airline tickets reservation system.
2. Development of the one-page application framework in asynchronous Promises/A+ paradigm for the mobile version of the site.
3. Creating reusable plugins and customizable, highly flexible components with DSL specifications.
4. Building full-stack Javascript mock system of all the expected Service API methods and data objects.
5. Creating a Grunt-based system for running automated integration tests, building and deploying frontend applications on the environment.

Technology stack: Grunt.js, Bower.io, Node.js, Connect.js/Express.js (with Middleware), Esprima, Selenium-webdriver, CoffeeScript; Cujo.js parts: wire.js, when.js, meld.js, cola.js, rest.js; Require.js with plugins (i18n, text, hbs, json loading, etc); Underscore.js/Lodash.js, Handlebars.js, Less, Moment.js, Crossroads.js, JS-Signals, FRP (bacon.js, kefir.js), BDD with Jasmine.js, RAML, etc.

Currently I am an extreme advocate for using Cujo.js in general and Wire.js in particular as dependency inversion container and composition layer, and I develop concept of using an isomorphic javascript for high-load frontend application.

### Wobot

02 / 2013 - 03 / 2013

*Frontend Developer*

Building frontend one-page application with Backbone.js, Underscore.js, Handlebars.js, Closure Library, Moment.js, LESS.

### Self employed

05 / 2012 - 01 / 2013

*Web Developer*

1. Building RESTful data-driven single page applications: Require.js, Backbone.js, Marionette.js, Handlebars.js, d3.js, google and yandex.maps API, and with mocks built on the top of Sinon.js.
2. Support and development a streaming music service based on PHP + MySQL technology stack.

It was a time to return again to the processing system and back office application for entertainment industry tickets reservation project, that I and my colleagues developed

about four years ago: JAVA + Oracle + JSF(Jboss Seam) technology stack, SOAP web services. This activity led to the thoughts about a migration from usage JSF for client to high-flexible single-page application, possibly divided into several bundles.

## VitaPortal.Ru

2011 - 2012

*Full Stack Developer*

Backend works (PHP + MySQL technology stack on the top of Drupal):

1. Implemented billing system for settlements with a group of authors.
2. Implemented statistic administration module, Google Chart Tools integrated for the best visualization of the statistic information.
3. Implemented the automatic mailing.
4. Implemented the functional for social network community module. Implemented a community notification system about the actions of the users.
5. There were also implemented server scripts for correcting the data in the database tables of the project after migration.
6. Implemented web-services on the top of Drupal modules for Flex symptom navigator.
7. Implemented web-services for iPhone-app: dictionary of drugs, search for drugs in pharmacies and information on first aid.

Frontend works: 1. Implemented frontend single page application for body weight control (jQuery, Vanilla.js). 2. Implemented multistage interface for managing mailing lists. 3. Implemented multistage registration interface. 4. Implemented data-driven application "Symptom-navigator" on Flex + ActionScript technology stack on the client.

## Self employed

2006 - 2010

*Freelance Programmer, Full Stack Developer*

1. ActionScript, Flash, Flex projects.
2. Implemented a frontend applications for education project: chinese-russian dictionary, integration with module for building online-lesson, WYSIWYG editor for creating chinese hieroglyphs, application for searching hieroglyph in data base via recognizing of drawing (ActionScript, Flash, Flex, Drupal web-services modules).
3. Implemented a streaming music service on PHP + MySQL technology stack (Drupal-based system, ActionScript, Flash on the client).
4. Implemented a processing system and back office application for entertainment industry tickets reservation project: JAVA + Oracle + JSF(Jboss Seam) technology stack, SOAP web services.

## IEA RAS

05 / 2005 - 04 / 2006

*Windows System Administrator*

1. System administration, Windows.
2. Web-development, LAMP.

Troubleshooting of hardware and software issues.

education

## Lomonosov Moscow State University (MSU)

*philosophy*

languages

## Moscow Aviation Institute

*programmer*

- Russian
- Deutsch
- English
- Latin