
Summary

Senior Software Engineer with 8+ years of extensive professional experience with JavaScript, HTML, CSS, Java, PHP, SQL and NoSQL. Highly skilled in system architecture, software design, programming and troubleshooting.

Education

Master's degree in Computer Science, 2011, Moscow State Institute of Electronics and Mathematics, Moscow, Russia

Professional Experience

Front End Software Engineer **Mezuka LLC, Remote** **05/2015 – Present**
CoffeeScript, HTML5, CSS3, SASS, AngularJS, Lodash, Restangular, Angular-UI ui-router, jQuery, moment.js

Projects:

- [Mezuka](#) is the project which acts as the matchmaker for pizza lovers and pizzerias
 - Designed and implemented 14 pages in close collaboration with team mates from frontend and backend teams.

Software Engineer **Self Employed / Freelancer, Remote** **11/2014 – Present**
HTML5, CSS3, LESS, AngularJS, Lodash, Restangular, Ionic, Font Awesome, Angular Gettext, Cordova, AdMob, iAd, Google Analytics, Node.js, Express, MongoDB, Heroku, Passport.js, Nodemailer, Mandrill, Grunt, Git, CoffeeScript

Projects:

- AVM Cream House is a hybrid mobile app for juice bar located in Weligama, Sri Lanka. It helps customers to choose juices.
 - Thought up, designed, implemented, tested and released a hybrid mobile application for [Android](#) and [iOS](#) platforms.
 - Implemented REST API on Node.js, Express and MongoDB.
- Contributing to AngularJS - it is an open-source web application framework.
 - [Fixed bug](#) in the directive ng-filter, which did not filter objects properly when a filter property was an array.

Front End Software Engineer **Convertiser sp. z o. o., Remote** **04/2014 – 11/2014**
AngularJS, HTML, CSS, LESS, Git, Yeoman (Yo, Grunt, Bower), Karma, Jasmin, Underscore, Restangular, Protractor, Angular-UI (ui-select2, ui-router), Bootstrap, moment.js, angular-strap, Browserify, AmCharts, JSDoc

Projects:

- [Convertiser](#) is the performance advertising platform that helps advertisers reach new engaged customers and powers publishers with highly automated monetization tools for their commerce-related websites. It grants access to [web control panels](#) for managers, publishers and advertisers who work with this platform. Also it provides ConverText.js the JavaScript snippet for installation on publisher's web sites.
 - As part of our small and agile team of front end software engineers designed and implemented [one page AngularJS application](#) on top of REST API in close collaboration with back end team. This application is [admin panel](#) for users with different roles, permissions and goals. Most pages in this applications are CRUD for entities or report pages.
 - Architected and coded converttext.js the JavaScript snippet which detects main content node on publisher's web pages and in accordance with publisher settings:
 - on fly converts any product or shopping link in content into its equivalent affiliate link when a visitor clicks on it and/or
 - automatically turns product references in content into pop-up widget with affiliated shopping suggestions.

Software Engineer **Self Employed / Freelancer, Remote** **09/2013 – 04/2014**
Node.js, Express, MongoDB, AngularJS, Heroku, HTML, CSS, NPM, Git, Yeoman (Yo, Grunt, Bower), Karma, Mocha, Jasmin, ExpectJS, Sinon, Mongoose, Async, Cloudinary, Java SE, Android SDK

Projects:

- LowestPrice - this mobile application enables users to draw up their shopping list and suggests them the closest shops where they can buy what they need at the lowest price.
 - Implemented REST API and Android applications in the context of [Hackathon "Forward with Google"](#).
- [YeNoMe](#) - this mobile application allows users to ask each other direct questions and give such answers as "yes", "no" or "may be". This application is perfectly fit for polls.
 - Designed and implemented a backend part of the project, which consists of REST API on Node.js, Express, MongoDB and rules of information exchange based on WebSockets within the framework of [Hackathon Garage48](#).
- [StartingPointJS](#) - this is a small [template](#) well tuned to quickly build a robust web-app based on JavaScript technologies.
 - Developed REST API on Node.js, Express, MongoDB and a client side application on AngularJS.
- [liltael.com](#) - website for my dear wife animator Ekaterina Pushkareva.
 - Designed and implemented a website and CMS for it. Developed on AngularJS and Node.js (hosted on Heroku), MongoLab (as a MongoDB hosting) and Cloudinary (as a hosting for images).
- [Node-compass](#) - open source compass middleware for Node.js & Express.
 - Added option '-I IMPORT_PATH' which makes files under the IMPORT_PATH folder findable by Sass's @import directive.

Senior Software Engineer**AT Consulting, Moscow, Russian Federation****09/2011 – 03/2013**

Java SE/EE (JAX-WS, JAX-RS, EJB, JPA, JTA), Oracle DB, Weblogic, JBoss, Hibernate, OpenEJB, Jersey, Grizzly, JavaCV

Projects:

- eZAGS - the electronic federal system civilian registrar as part of system [Gosuslugi.RU](#) that provides rendering government services in electronic format.
 - Made a migration of project code from SVN to GIT that helped our distributed team to increase developing speed.
 - Introduced TDD and CI that greatly improved quality of product and enabled our Scrum team released every 2 weeks.
 - Wrote about 25 different web services (SOAP, REST).
 - Integrated with 10 systems as a service provider and/or as a service client.
 - Designed and coded a robust architecture of the project in terms of receiving, conversion, validation and storing of data.
- Retroconversion of the act records - the system of getting electronic act records of civil status from the paper originals.
 - Implemented critical positioning algorithm of form on scanned image, which...
 - resulted in a significant improvement of quality recognizable fragments;
 - increased amount of images that were suitable for processing according to one template from 300 to more than 2000000.

Software Engineer**NVision Group, Moscow, Russian Federation****09/2010 – 09/2011**

PHP (ZF, Yii, Kohana), JS (jQuery), Java SE, JBoss, HornetQ, Oracle DB, PostgreSQL, Maven, Apache HTTP Server

Projects:

- One window-Electronic reception of Moscow - web-portal of municipal services of the Moscow City Government.
 - Refactored an architecture that allowed to reuse previously developed components of government services for new services - developing time of new services decreased from 1-2 weeks to 2-3 days.
- The straight line 2011 with Prime Minister Vladimir Putin - the system accepts questions from citizens by several means of communication (SMS, call centers, emails, etc.) and provides the system operators with the interface for processing questions.
 - Designed and implemented a database architecture well adapted for handling CRUD and complex reports under high load.
 - Wrote several highly efficient storage procedures for a report system.
 - Designed and implemented a web application of a flexible reports builder for interface operators and editors.
 - Implemented several AJAX (Yii, JQuery) widgets which optimized a working process of the system operators.

Software Engineer**Probusiness Bank, Moscow, Russian Federation****07/2008 – 09/2010**

PowerBuilder, PHP, JS (jQuery), Sybase, DB2, Lotus Enterprise Integrator, MSSQL, Oracle DB, Apache HTTP Server

Projects:

- Correctional accounting transactions for bank report system - web-based application that provides create, read, update, delete and confirm operations for accounting transactions according regulations of the bank.
 - Designed and implemented the application as an architect and a main developer.
- Web-based application for viewing detailed bank reports.
 - Developed the application's database layer including stored procedures.
- MIS-Reporter - report viewer and BalanceM - report generation system.
 - Wrote several new modules which improved usability and functionality of systems.
- AllReport - collection of ETL processes for preparation management reporting.
 - Improved existing and developed new ETL processes - extraction from Sybase, DB2, Lotus Notes (LEI - Lotus Enterprise Integrator), MSSQL, Oracle, Pervasive, with subsequent transformation and loading in Sybase.

Software Engineer**Media Soft Integro, Moscow, Russian Federation****10/2007 – 07/2008**

PHP, JS (jQuery), Oracle DB, MySQL, Apache HTTP Server

Projects:

- Looxity - 3D map of the Moscow City and NewAge - online cosmetics shop.
 - Designed architectures, wrote views, functions and stored procedures for software developers and reports preparation.

Technologies

Programming languages: *Proficient:* JavaScript, CoffeeScript, Java; *Prior Experience:* PHP; *Training:* Python, Scala, C**Other languages:** HTML, CSS (LESS, SASS), SQL, JSON, XML, WSDL, XSD, XPath, XQuery, XSLT, UML**Databases:** MongoDB, Sybase, MySQL, PostgreSQL, Oracle**Environments and Tools:** Mac OS, Cordova (Android, iOS), UNIX, Linux, Git, Grunt, Bower, Karma, Maven, Ant

Certificate of accomplishment

Stanford University through Coursera Inc and Class2Go: [Machine Learning](#), [Game Theory](#)The University of California, Berkeley through edX: [Foundations of Computer Graphics](#), [Artificial Intelligence](#)Princeton University through Coursera Inc: [Algorithms Part I](#) and [Part II](#)MongoDB Inc: MongoDB for [Java Developers](#), [Node.js Developers](#), [Python Developers](#), [DBAs](#)Swiss Federal Institute of Technology in Lausanne (EPFL) through Coursera Inc: [Functional Programming Principles in Scala](#)Duke University through Coursera Inc: [Image and video processing](#)