

## EMPLOYMENT

<b>Software Engineer</b>	<b>Self Employed / Freelancer, Remote</b>	<b>Mar 2013 - Present</b>
<ul style="list-style-type: none"><li>Implemented 14 pages modules for a SPA website <a href="#">Mezuka</a> in close collaboration with frontend and backend teams. (Apr - Jul 2015)</li><li><a href="#">Contributed</a> to an Open Source web framework AngularJS. (Jan 2015)</li><li>Designed, implemented, tested, released and maintained an entire hybrid mobile application for <a href="#">Android</a> and <a href="#">iOS</a> platforms and REST API for an AVM Cream House Juice Bar. (Nov 2014 - Present)</li><li>Designed and implemented one page app <a href="#">Convertiser</a> on top of REST API in close collaboration with backend team. (Apr - Oct 2014)</li><li>Architected and coded the JavaScript snippet Converttext which detects content nodes on publisher's web sites. (Sep - Nov 2014)</li><li>Launched and maintained an online portfolio web site <a href="#">Liltael.com</a> for a Character Animator Ekaterina Pushkareva. (Dec 2013 - Present)</li><li>Implemented REST API and an Android application LowestPrice in the context of <a href="#">Hackathon "Forward with Google"</a>. (Oct 2013)</li><li>Designed and implemented a backend part of the project <a href="#">YeNoMe</a> in the context of <a href="#">Hackathon Garage48</a>. (Oct 2013)</li></ul>		
<b>Senior Software Engineer</b>	<b>AT Consulting, Moscow, Russia</b>	<b>Sep 2011 - Mar 2013</b>
<ul style="list-style-type: none"><li>Promoted to a Senior Software Engineer; supervised and coached other software engineers in the project team.</li><li>Made a migration of the project code from SVN to GIT that helped our distributed team to increase the overall development speed.</li><li>Introduced TDD and CI that greatly improved product quality and allowed our Scrum team to release a new version every 2 weeks.</li><li>Wrote 35 different web services (SOAP, REST). Integrated with 10 systems as a service provider and/or as a service client.</li><li>Designed and coded a robust architecture of the project in terms of data receiving, converting, validating and storing.</li><li>Created a critical positioning algorithm of form on scanned image which improved the quality of recognizable fragments.</li><li>Increased the amount of images that were suitable for processing using one template from 300 to more than 2000000.</li></ul>		
<b>Software Engineer</b>	<b>NVision Group, Moscow, Russia</b>	<b>Sep 2010 - Sep 2011</b>
<ul style="list-style-type: none"><li>Refactored an architecture that allowed to reuse previously developed components of government services.</li><li>Reduced developing time of new e-services from 1-2 weeks to 2-3 days.</li><li>Designed and implemented a DB architecture well adapted for handling CRUD and complex reports under high load.</li><li>Wrote several highly efficient storage procedures for a report system.</li><li>Designed and implemented a flexible web reports builder for operators and editors.</li><li>Implemented several JavaScript widgets which optimized a working process of the system operators.</li></ul>		
<b>Software Engineer</b>	<b>Probusiness Bank, Moscow, Russia</b>	<b>Jul 2008 - Sep 2010</b>
<ul style="list-style-type: none"><li>Designed and implemented several web applications for viewing detailed bank reports.</li><li>Improved usability and functionality of a report generation system.</li><li>Improved existing and developed new ETL processes.</li></ul>		
<b>Database Software Engineer</b>	<b>Media Soft Integro, Moscow, Russia</b>	<b>Jul 2008 - Sep 2010</b>
<ul style="list-style-type: none"><li>Promoted to a Database Software Engineer from a Technical Writer.</li><li>Designed DB architectures, wrote views, functions and stored procedures for several company's web projects.</li></ul>		

## EDUCATION

<b>Moscow, Russia</b>	<b>Moscow Institute of Electronics and Math</b>	<b>Sep 2006 - Jul 2011</b>
<ul style="list-style-type: none"><li>M.S.E. in Computer and Information Science, July 2011. GPA: 3.26</li></ul>		
<b>Online</b>	<b>Massive Open Online Course</b>	<b>Dec 2012 - Feb 2014</b>
<ul style="list-style-type: none"><li><a href="#">Machine Learning</a>, <a href="#">Game Theory</a> - Stanford University through Coursera Inc and Class2Go</li><li><a href="#">Foundations of Computer Graphics</a>, <a href="#">Artificial Intelligence</a> - The University of California, Berkeley through edX</li><li><a href="#">Algorithms Part I</a> and <a href="#">Part II</a> - Princeton University through Coursera Inc</li><li>MongoDB for <a href="#">Java Developers</a>, <a href="#">Node.js Developers</a>, <a href="#">Python Developers</a>, <a href="#">DBAs</a> - MongoDB Inc</li><li><a href="#">Functional Programming Principles in Scala</a> - Swiss Federal Institute of Technology (EPFL) through Coursera Inc</li><li><a href="#">Image and video processing</a> - Duke University through Coursera Inc</li></ul>		

## PROJECTS

- AVM Cream House** is a hybrid mobile [Android](#) and [iOS](#) menu app with customer's recommendations for a juice bar located in Sri Lanka.  
(2014 - Present) JavaScript, HTML, CSS, LESS, AngularJS, Ionic, Cordova, node.js, Grunt, Express, MongoDB
- Convertiser** is a [platform](#) that helps advertisers reach new customers and powers publishers with monetization tools.  
(2014 - 2015) JavaScript, HTML, CSS, LESS, AngularJS, Underscore, Restangular, Bootstrap, Browserify, node.js, Grunt
- eZAGS** is the electronic federal system civilian registrar as part of system [Gosuslugi.RU](#) that provides government e-services.  
(2011 - 2013) Java SE/EE (JAX-WS, JAX-RS, EJB, JPA, JTA), Oracle DB, Weblogic, JBoss, Hibernate, OpenEJB
- Retroconversion of the act records** is the system of getting electronic act records of civil status from paper originals.  
(2013) Java SE/EE (JAX-WS, JAX-RS), Jersey, Grizzly, JavaCV
- Straight line 2011 with Prime Minister** is a system that accepts questions from several sources of communication and provides an interface for processing questions. (2011) Java SE/EE, JBoss, HornetQ, Oracle DB, PostgreSQL

## LANGUAGES

- English** - Advanced; IELTS (June 2015) Overall Band Score 6.5: Listening 6.5 Reading 8.0 Writing 6.0 Speaking 6.0.
- Russian** - Native.

## TECHNICAL SKILLS

- Languages: Proficient: JavaScript/CoffeeScript, Java; Prior Experience: PHP; Training: Python, Scala, C.
- Other Languages: HTML, CSS (LESS, SASS), SQL, JSON, XML.
- Databases: Proficient: MongoDB; Prior Experience: MySQL, PostgreSQL, Sybase, Oracle.
- Frameworks/Libraries: AngularJS, Ionic, jQuery, Lodash/Underscore, Restangular, Bootstrap, Karma, Mocha, Jasmine.
- Environments and Tools: Mac OS, Cordova (Android, iOS), Linux, node.js, Heroku, Git/GitHub, Grunt/Gulp.