

EMPLOYMENT

Software Engineer	Self Employed / Freelancer, Remote	Mar 2013 - Present
<ul style="list-style-type: none">Implemented 14 pages modules for a SPA website Mezuka in close collaboration with frontend and backend teams. (Apr - Jul 2015)Contributed to an Open Source web framework AngularJS. (Jan 2015)Designed, implemented, tested, released and maintained an entire hybrid mobile application for Android and iOS platforms and REST API for an AVM Cream House Juice Bar. (Nov 2014 - Present)Designed and implemented one page app Convertiser on top of REST API in close collaboration with backend team. (Apr - Oct 2014)Architected and coded the JavaScript snippet Converttext which detects content nodes on publisher's web sites. (Sep - Nov 2014)Launched and maintained an online portfolio web site Liltael.com for a Character Animator Ekaterina Pushkareva. (Dec 2013 - Present)Implemented REST API and an Android application LowestPrice in the context of Hackathon "Forward with Google". (Oct 2013)Designed and implemented a backend part of the project YeNoMe in the context of Hackathon Garage48. (Oct 2013)		
Senior Software Engineer	AT Consulting, Moscow, Russia	Sep 2011 – Mar 2013
<ul style="list-style-type: none">Promoted to a Senior Software Engineer; supervised and coached other software engineers in the project team.Made a migration of the project code from SVN to GIT that helped our distributed team to increase the overall development speed.Introduced TDD and CI that greatly improved product quality and allowed our Scrum team to release a new version every 2 weeks.Wrote 35 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 data receiving, converting, validating and storing.Created a critical positioning algorithm of form on scanned image which improved the quality of recognizable fragments.Increased the amount of images that were suitable for processing using one template from 300 to more than 2000000.		
Software Engineer	NVision Group, Moscow, Russia	Sep 2010 – Sep 2011
<ul style="list-style-type: none">Refactored an architecture that allowed to reuse previously developed components of government services.Reduced developing time of new e-services from 1-2 weeks to 2-3 days.Designed and implemented a DB 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 flexible web reports builder for operators and editors.Implemented several JavaScript widgets which optimized a working process of the system operators.		
Software Engineer	Probusiness Bank, Moscow, Russia	Jul 2008 – Sep 2010
<ul style="list-style-type: none">Designed and implemented several web applications for viewing detailed bank reports.Improved usability and functionality of a report generation system.Improved existing and developed new ETL processes.		
Database Software Engineer	Media Soft Integro, Moscow, Russia	Oct 2007 – Sep 2010
<ul style="list-style-type: none">Promoted to a Database Software Engineer from a Technical Writer.Designed DB architectures, wrote views, functions and stored procedures for several company's web projects.		

EDUCATION

Moscow, Russia	Moscow Institute of Electronics and Math	Sep 2006 – Jul 2011
<ul style="list-style-type: none">M.S.E. in Computer and Information Science, July 2011. GPA: 3.26		
Online	Massive Open Online Course	Dec 2012 – Feb 2014
<ul style="list-style-type: none">Machine Learning, Game Theory – Stanford University through Coursera Inc and Class2GoFoundations of Computer Graphics, Artificial Intelligence – The University of California, Berkeley through edXAlgorithms Part I and Part II – Princeton University through Coursera IncMongoDB for Java Developers, Node.js Developers, Python Developers, DBAs – MongoDB IncFunctional Programming Principles in Scala – Swiss Federal Institute of Technology (EPFL) through Coursera IncImage and video processing – Duke University through Coursera Inc		

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

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/io.js, Heroku, Git/GitHub, Grunt/Gulp.

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.