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ANDREY PUSHKAREV

FULL STACK WEB DEVELOPER

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EMPLOYMENT

Full Stack Web Developer   Self Employed / Freelancer, Remote   **Mar 2013 - Present**

- Designed and implemented 2 Single Page Applications (SPA) as a part of Realine project. (Oct 2015 - Present)
- 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 Convertext 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**

- 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**

- 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**

- 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**

- 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**

- M.S.E. in Computer and Information Science, July 2011. GPA: 3.26

Online   Massive Open Online Course   **Dec 2012 – Feb 2014**

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