

# Alexei Shulga

Senior web solutions developer

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NS, Canada

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## EXPERIENCE

**Global Dealer Exchange**, The Netherlands (remote)

06/2016 – now

*Team-lead, developer*

ERP system for import-export operations of vehicles from/to several countries of the world. Architecture the solution, code reviewing, managing all stage of development and deploy, development of core level logic programming (services, api, etc) – small subset of my responsibilities. Extensive use of computer vision and neural networks for image processing and catalogization.

Tools used: Python (Scrapy, Django, Flask, OpenCV, unittest, SQLAlchemy, Celery, Odoo, Tornado, TurboGears), PHP (Symfony, Zend Framework), RDBMs (MySQL, PostgreSQL), MongoDB, RabbitMQ

**Vuru**, Toronto, Canada (remote)

01/2015 – 05/2016

*Senior web developer*

Designed and developed architecture for new type of international logistics enterprise aimed to fill the gap of missing effective supply chain management in the field of mobile technology, mobility management, etc. Hired a team, trained developers, established agile development practices.

Tools used: PHP (Zend Framework, Symfony), RDBMs (MySQL), Redis

**Mobillogix Inc.**, Phoenix, AZ, US (remote)

05/2014 – 06/2015

*Team lead, senior web developer*

Designed and developed architecture for new type of international logistics enterprise aimed to fill the gap of missing effective supply chain management in the field of mobile technology, mobility management, etc. Hired a team, trained developers, established agile development practices.

Tools used: PHP (Symfony, Slius), Python (Django, SQLAlchemy), RabbitMQ, Redis

**Eroma (Natural Candle Supply)**, Sydney, Australia

01/2013 – 03/2014

*Architect, team lead, senior web developer*

Developed and implemented warehouse management and enterprise resource planning software (in-house and 3<sup>rd</sup> party), refactored the website codebase, conducted business optimizations and consulting, managed small team of developers, set up/hired a team and established development culture.

**Rocket Internet GmbH**, Berlin/Munich, Germany

10/2012 – 12/2012

*Senior web developer*

Worked briefly for DropGifts, shifted to launching Cuponation. Implemented new features, managed development cycles and deployment procedures, consulted the start-up

Tools used: PHP (Symfony, Zend Framework, Yii), RDBMs (MySQL, PostgreSQL)

**Onespout.com**, Toronto, Canada (remote)

06/2010 – 06/2011

*Senior web developer*

Created the service from scratch, staffed people for the project, consulted on business development and R&D, conducted reports, measured success, etc.

Tools used: PHP (Zend Framework, Yii), Python (Scrapy, SQLAlchemy, Django)

**TJSC group ltd**, London, UK (remote)

03/2007 – 03/2008

*Senior web developer*

Developed and maintained multi-store e-commerce engine originally based on osCommerce. Added hundreds of features, refactored the code. Projects built using the software: scanningpens.co.uk, winstonchurchillshop.co.uk

Tools used: PHP (osCommerce, Zend Framework), RDBMS (MySQL)

**upWork (oDesk), eLance**, Self-employed  
2008 – 2016

2008 –

*Web solutions developer, international consultant, project manager*

Hired and fired people, managed projects and established cultures, assembled teams on demand in the cloud, worked as web developer, building projects from scratch or refactoring the old ones. Among my clients are: Natural Candle Supply, Pearson Vue, Gotham Dream Cars, TAFE NSE Australia, Sportsgunner.com, several popular adult services, etc.

Tools used: PHP (Zend Framework, Symfony, Yii, Slim), Python (Django, Celery, Flask,

Bottle, CherryPy), RDBMS (MySQL, PostgreSQL), NoSQL (MongoDB, Redis, CouchDB)

**Smartworks**, Rostov-na-Donu, Russia

03/2006 – 03/2007

*Senior web developer, team lead*

Worked with numerous clients for the software house. Assembled and managed teams of 2-3 developers per project. Sample projects: security audits, 1-click hosting solutions, various e-commerce projects based on osCommerce, Virtuemart and in-house solutions.

Tools used: PHP (Zend Framework), Python (Django, Scrapy), RDBMS (MySQL)

**Contractor**, Rostov-na-Donu, Russia

01/2002 – 03/2006

*Web/software developer*

Developed several projects: "Alpha Sphynx" intranet small to mid scale enterprise document circulation system using PHP4/MySQL/Linux as a backend with IE browser as client over HTTPS protocol. Managed to help dozens of clients with various errors/issues for dynamic PHP-driven sites built by others. Created custom-made e-commerce solutions - NaDonu.ru and Terion.ru using 1C Software (popular ERP system in Russia) as data source.

Tools used: PHP, C++ (MVC, ActiveX, etc.)

**Tele-X TV (Park TV) Company**, Rostov-na-Donu, Russia

06/1998 – 01/2002

*Software developer*

Created, maintained and developed complex intranet solution for the local TV company which included: document circulation module, "On Air" tracking module with scheduling of TV programs, Advertisement Request module for managers to track orders of air time and filling in spaces, TV calendar with different reports for effective events/air time/ads request management.

Tools used: C++ (MFC, ActiveX), PHP

## SKILLS AND TOOLS

**Python:** Django, Flask, Tornado, Bottle, TurboGears

**PHP 3-7:** SPL, Composer, Codesniffer

**PHP Frameworks:** Zend Framework, Symfony2, Yii, CakePHP, CodeIgniter, Slim

**RDBMS:** MySQL, PostgreSQL

**NoSQL:** MongoDB, Redis

**Web servers:** Apache, Nginx, lighttpd

**VCS:** GIT, SVN

**AMQP:** ZeroMQ, RabbitMQ

**JavaScript:** jQuery, Angularjs, Nodejs, Expressjs, Underscorejs, Lodash

**PM:** Assembla, JIRA, RedMine, Mantis, Phabricator

**TDD/BDD:** PHPUnit, Behat, Selenium

**E-commerce/enterprise:** Magento, OpenCart, OpenERP (Odoo)

**Various:** XML & HTML, CSS, Memcache, GAE, Phing, PSR0-7, etc.

## CERTIFICATES

**Zend Certified PHP Developer (aka ZCE 5.5)**

**Zend Certified PHP5.3 developer,**

**Zend Certified Zend Framework developer,**

**Zend Certified PHP5 developer,**

<http://www.zend.com/en/yellow-pages/ZEND006401>

**Oracle Certified MySQL5 associate developer**