

Maks Yarchak (<http://maks.us/>) Web developer with 15 years experience

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## Objective

I'm ambitious technology professional who enjoys developing software and providing business solutions using innovative thinking and proven techniques. Capable of implementing agile techniques as well as good old solid architecture principles.

# Knowledge / Skills

## Back-end development

- **Python** (Flask, Django, gunicorn)
- **Ruby on Rails** (unicorn, puma, sidekiq)
- **Zend Certified Engineer**  
 (<http://www.zend.com/en/store/education/certification/authentic>  
 Zend Framework Advanced (Training) (/statics/zfc\_class.png)
- **PHP 5** (OOP, Patterns, Queue, **UnitTest**, **Composer**)
- **PHP Frameworks:** Zend FW, Laravel, CakePHP, Slim
- **MySQL, MongoDB**, design high performance DB
- **Redis, Memcached, PHP-APC**, Multithreaded Applications
- **GIT, GitHub, SVN** - version control system, Bug Tracking
- **Zend Studio**, Zend Server, PhpStorm, Coda, Sublime 2
- **Full life cycle** application development
- **Team leader of web developing team**, Project management
- **Kanban, Scrum, Agile**
- **Open source:** WordPress, Magento Commerce, SocialEngine, Joomla, Drupal
- **OS:** MacOS, Linux, Windows

## Infrastructure development

- **Linux server (Debian, Ubuntu)**, Bash, SSH, DNS, Apache, Nginx, Php, Mysql, Clusters, Load Balancing, backup, monitoring, scale
- **Amazon Cloud Computing:** ES2, S3, Route 53 and others
- **DigitalOcean** I maintain own cloud servers for pet projects.
- **Continuous Integration system** Hudson/Jenkins, TeamCity

## Front-end development

- **HTML5, CSS3**, W3C, xml, xsl, w3c
- **Twitter Bootstrap**, Responsive html, Mobile Web application
- **jQuery**, JavaScript, AngularJS, Backbone js, Underscore js , AJAX, D3js
- **Nodejs**, gulp, grunt, npm, bower
- Photoshop

## Big Data

- Big Data Processing and Analytics
- Basic machine learning

## Extra Skills

- **Basic:** Artificial Intelligence, Neural networks, Deep Learning, Machine Learning
- **Search Engine Optimization:** (on-page, off-page), webmaster tools, Google Analytics
- **Basic graphic web design** (PhotoShop, web 2.0, UI, UX)
- Java
- Consulting

# Experience

Years : [e-commerce](#) [Social networks](#) [back-end](#) [OOP](#) [MVC](#) [CMS](#) [mysql](#) [html](#) [css](#) [JavaScript](#) Years : [Linux Web Servers](#) [jQuery](#)  
 years : [Amazon AWS cloud](#) [HTML5](#) [CSS3](#) [UI](#) [UX](#) years : [DigitalOcean cloud](#) [Twitter Bootstrap](#) [BackboneJs](#) [AngularJs](#)

## CMT Nov 2016 - Present

(telematics industry)  
Senior Software Engineer.

### Back-end development

(Python Django)

### Front-end development

(html5, css3, JS)

## Study AI / NN / DL / ML Jun 2016 - Nov 2016

Artificial Intelligence, Neural networks, Deep Learning, Machine Learning

(Python)

## RallyPoint Jun 2015 - Jun 2016

(Social network industry)  
Sr. Software Developer

### Back-end development

(Ruby on Rails)

### Front-end development

(html5, css3, JS)

## United Domains Inc Oct 2010 - May 2015

(Domain name industry)  
Sr. Web developer

### Back-end development

(php/mysql/PHPUnit testing, Continuous Integration)

### Front-end development

(UI, UX, html5, css3, JS, AngularJS, jQuery, BackboneJS)

**Approach**  
**Aug 2009 - Sep 2010**

(Education industry)  
Sr. Web developer

Web development

Web design/html5/css3/js/jquery /php,mysql building new CMS

Building web tools for employee and satellite projects. Support old website and web project

Search engine optimization (increase traffic in 5 times) and Google Analytics

**TMU**  
**Oct 2008 - May 2009**

(Consulting industry)  
Sr. Web developer / team leader

Web development

Build new web projects with (php/mysql/html/css), Building CMS, Support and update exist projects (around 20 websites)

Product management, Search engine optimization, Google Analytics

**TruePlayers**  
**May 2007 - Sep 2008**

(Web design studio)  
Sr. Web developer

Web development

Building Web projects with php, mysql, JavaScript, jQuery, html, css websites with back-end every couple weeks

**OrangeOnWeb**  
**May 2006 - May 2007**

(Web design studio)  
Sr. Web Developer

Web development

Web developing php, mysql, html, css, JavaScript, jQuery websites with back-end every couple weeks

**Interfax-West**  
**May 2003 - Nov 2005**

(News agency)  
Web developer / team leader

Web development

Design database (mysql), Design (OOP,MVC) architecture for web application

Developing platform, modules, plugins, hight performance optimization

php, mysql, html, css, JavaScript, Product management, team leader

**Freelance**  
**Jan 2002 - May 2003**

Web Developer (Freelancer)

Building Web application for customers with php,mysql, html, css, JavaScript, Building own projects for myself.

## Education

### Harvard University

2010-2011  
<http://www.harvard.edu/>  
(<http://www.harvard.edu/>)  
Web Development

**Classes:**  
Computer science Building dynamic web applications  
Building Mobile application for Android, iPhone, Web

### BS University

2005-2006 Engineering  
Master's degree in engineering

### BS University

2001-2005 Engineering  
Bachelor's degree in engineering

### Zend Framework Advanced Training

2013 <http://www.zend.com> Web Development

### Zend PHP 5.3 certificate

2011 <http://www.zend.com>  
Web Development

### Self study

Web Development  
<http://ocw.mit.edu/>  
(<http://ocw.mit.edu/>)  
<https://www.coursera.org/>

(<https://www.coursera.org/>)  
<http://tutsplus.com/>  
(<http://tutsplus.com/>)  
<http://cs75.tv/> (<http://cs75.tv/>)

# Portfolio

## CMT

**my role:** Sr. Software Engineer. I am working on company private internal system. **Python** application

## RallyPoint

**my role:** Sr. Software Engineer. I was working with **Ruby on Rails** application  
<https://www.rallypoint.com>  
(<https://www.rallypoint.com>) ( military social network )

(<http://www.uniteddomains.com/>)

## United Domains Front-End AngularJS application

**my role:** **AngularJS** Front-end JavaScript application which is building shopping cart, search result and it does multi connection search by back-end application. (I've used also Html5, CSS3, Bootstrap3, jQuery, JavaScript)  
<http://www.uniteddomains.com>  
(<http://www.uniteddomains.com/>)

(<http://www.uniteddomains.com/>)

## United Domains

**my role:** Html5, CSS3, Bootstrap3, jQuery, JavaScript, **AngularJS**, AJAX, BackboneJS, implementation different APIs, **E-commerce, Shopping Cart** | Architecture database, PHP5, MySQL application, Smarty templates  
<http://www.uniteddomains.com>  
(<http://www.uniteddomains.com/>)

(<http://approachusa.com/>)

## Approach

**my role:** Graphic design | xHtml, CSS coding, jQuery, JavaScript | Architecture database, PHP 5, MySQL application | Smarty templates, mod\_rewrite | All URLs are dynamic, back-end  
<http://approachusa.com> (<http://approachusa.com/>)

(<http://znaikak.ru/>)

## ZnaiKak

This is social network of people to share knowledge. (Web2.0 , multiuser blogs)  
**my role:** PHP 5, MySQL, front-end, back-end |  
<http://znaikak.ru> (<http://znaikak.ru/>)

(<http://josime.com/>)

## Josime

**my role:** PHP 5, MySQL application, own CMS with back-end, xml API  
<http://josime.com> ( currently offline )

## Andy Tasher

**my role:** PHP 5, MySQL application, own CMS with back-end, API |  
<http://andytasher.com> ( The project is closed. )

## Montana Colors

This is graffiti community in Russia. (photo, video, blog)  
**my role:** PHP 5, MySQL, front-end and back-end developing |  
<http://montanacolors.ru> ( The project changed. )