

Korniychuk Anton Alekseevich

web-development expert

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Knowledge of technologies and software:

updated 1 June 2018
latest version at www.korniychuk.pro/cv

js	Angular 2/4/5/6, AngularJS 1.x, RxJS 6 Chrome Plugins, Karma, Wallaby.js/Quokka.js, Chai, Jasmine, Supertest, PhantomJS, Protractor, faker.js, TDD/BDD jQuery, Lodash, socket.io, Moment.js, Ag-Grid ES5 , ES6/7/8, TypeScript 1/2 WebSocket, localStorage, XPath Grunt, Webpack 1/2/3/4, Babel.js eslint, tslint, csslint, stylelint and writing custom rules
php	php5.6, php7, PHPDocs, PHPUnit, Composer MVC Frameworks, ORM\AcriveRecord, RESTful api, TDD Kohana, Yii2, Doctrine, Symfony 3, Laravel 5, Codeception, Phalcon Smarty
databases	MySQL, SQLite, Redis, Firebase
js backend	Node.js, Express.js, Koa2, socket.io, Angular Universal, pm2, caporal
layout	html 5, css 3+, sass/scss, less Bootstrap 3/4, Animate.css, Font Awesome, Admin LTE, Autoprefixer, BEM, SMACSS, Atomic Design
vcs	Git (github, bitbucket), git-flow(Vincent Driessen model), SVN
software	PhpStorm, WebStorm, Sublime Text 3, Atom, WorkBanch, Vim Postman, Trello, Jira, Redmine, Slack, Confluence
os	Linux, CentOS, OpenSUSE, Debian.
servers	Nginx, Apache 2, OpenSSH, Bind(dns server), ProFTPD
virtualization	VBox, Vagrant, Docker/Docker Compose
graphics	PhotoShop, Illustrator, SketchUp Pro, GIMP, FFmpeg/libav
other	GCM, APNS, Bash(very deep), Cron, SSH, FTP/SFTP, SSL, GCC/Make, TeamCity, Jankins, Travis CI raml, Swagger, json-schema
queues	Rabbit MQ, Amazon SQS, Redis

My benefits:

- I work with Angular 2 since the first beta version. Beginning in January 2016.
- Over 6 years of very extensive web development experience.
- Experience of teaching and training web programming.
- RegEx expert
- With over 7 years of experience with OS Linux.
- Confident blind print in Russian and English.

Professional and personal qualities:

- I'm quickest learner. I really love studying.
- I am result-oriented(*and this is very important!*), flexible and fair.
- I consider myself not conflict man.
- I know how to properly present their views.
- I am not afraid of public speaking.
- I am able to work in a team, organize workflow.
- Disciplined, purposeful, Slightly perfectionist.

Work experience:

Team Lead

Unicsoft company

February 2017 -
present

The project is an information system, in which there are a lot of statistical information, tables and graphs. Little input and much output. The challenge before us was to recreate a fairly old project on Angular 2+, which was written in ActionScript 3 (Flash).

When I came to the project, it was already in development for almost a year. The project was in a difficult state due to the chaos in the code and a very large technical debt. The architecture was completely unintelligible. One of my tasks was to gradually refactor the entire application. Gradually, the code managed to lead to a structure similar to the Angular application.

The project contains a lot of data and the tables contain 10k lines here in the order of things. For working with tables, I suggested using a commercial version of ag-grid and it showed itself perfectly. The selection criteria were: configurable, productivity and the ability to export to excel and pdf. Out of the box was the export only in csv and excel. Export to pdf we implemented with the help of a third-party library.

One of the problems on the project is boot time and performance. This is something we are working on right now. The whole project was developed as one single module, which is loaded immediately on page loading and it takes very long time. The connectivity of different parts of the system is very high.

Now we are engaged in sawing the system into modules. We are moving towards replacing gulp build system to webpack. Gradually, in small steps, we cover the system with unit tests.

Web-developer

Adoriasoft
company

March 2016 –
February 2017

There was a large and very old project - cloud storage with more than 10,000,000 users. But it was not a high load. We did it support and the addition of new features. This project originally was written on php 4. Then php has been upgraded to version 5.3. This project does not use any frameworks, only Smarty Template Engine. Interesting problems:

- When I started work, there was the image of the virtual machine takes more 40GB. We did not like it and the first thing we did is to recreate the entire environment from scratch on Vagrant.
- The project lay on the SVN repository, and has about 30 branches, which had been abandoned and no one knows where it is and what to do with them. We have moved some of the most important branches on bitbucket. All the commit history has been preserved during migration.
- Introduction of OOP, namespaces, unit-testing and continius integration using TeamCity.
- Replacement of the payment system, as well as the establishment of the level of abstraction for the quick-change payment system. The work was carried out with the use of TDD with more than 80% of the test coverage.
- I implemented webpack 2 to build typescript and sass and many other things.

There was also several smaller projects. I managed to work with Laravel, WordPress, Angular 1/2.

Another interesting project was a single-page site. This is business card site that I designed on Angular 2 and NodeJS. An interesting feature of this site has been a huge number of complex and dynamic animations including embedded svg. All transitions have been implemented in the css and Web Animations API. 80% of the work time in this project was spent on animations. The animations was adapted for all screen resolutions.

Web-developer

OnCreate company

August 2014 –
present

Admin panel, RESTful api.

We work on our startup project. Project has mobile Android and iOS application. I'm writing a server part. One of the interesting features of the project - extensive statistics, about 100 meters, it operates using redis db.

Lecturer

STEP IT Academy

july 2014 –
February 2016

Chastised lectures on backend and frontend development of more than a dozen groups.

Mainly were evening groups. Also, two groups of children were.

Periodically hold it-events the topic of new technologies. At the beginning of 2016 I held two it-event on the theme of «Ecma Script 6» and «Angular 2.x».

**Software for Yan
Daniloff company**

Closed software for apparel companies. Order accounting, wages, price list, reports in excel etc.

january 2013 —
july 2013

Technologies: js, jQuery, mysql, php, smarty
The architecture is built so that all requests to the database are performed through stored procedures. In this project, I have written more than 150 stored procedures for mysql.

The company has outdated computers so we had to do a lot of optimizations and hacks in the JavaScript that have all worked quickly.

Freelancer

Admin panels, RESTful api, I started on pure php, then Kohana 3.3, and from mid-2015 Yii2.

september 2012 –
march 2016

Online Stores based on OpenCart 2 and ShopScript5

At the beginning made small sites on wordpress and Joomla.

Additional Information:

- English at intermediate (I'm working on it).
- Confident blind printing.
- Since the end of 2014 using vim-mode in all editors.
- As a working OS for 7 years using Linux.
- Basics of Bash, writing scripts.
- Day by day I work on improving my skills, also I attend many professional conferences.