

# Volodymyr Fedyk

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Node.js/Ruby/Python/PHP developer

## Objective

I want to sell you an elephant.

He can develop sites, scripts or other programs with help of several programming languages: Ruby, Python and PHP (and even JavaScript).

He knows a lot about such RDBMS and key-value storages: MySQL, MongoDB, PostgreSQL, memcached, Redis, etc.

He is very smart and educated. He loves to create objects of classes in case of OOP-paradigm and functions in functional programming, write robust algorithms and data-structures.

He is a very quick elephant because of secret knowledge of touch typing. And very careful. A good elephant must take care about keyboard.

And if you want you can ask him learn new languages, paradigms or other things. Studying makes him best elephant in the world.

## Experience

Backend Developer (Ruby, Python, Nodejs, PHP) at Social Marketing Studio

September 2014 - Present (2 years 2 months)

Development of complex project which gathers stats on social networks.

My responsibilities was to add features to daemon (which was written in Python) and to web-frontend (which is developed on top of Ruby on Rails framework).

## PHP-developer at Intechnic Corporation

January 2014 - August 2014 (8 months)

Writing projects on top of PHP In-Portal framework (<http://www.in-portal.org>). It includes PHP-code, template scripting, and JavaScript.

## PHP developer at Pingbull LLC

December 2012 - January 2014 (1 year 2 months)

JavaScript and PHP code-writing on top of such frameworks as Zend Framework 2, Kohana 2 and CodeIgniter.

## PHP Developer at NearCoders

February 2012 - December 2012 (11 months)

Was writing project on top of PHP Symfony2 framework. My work included PHP programming, Twig template scripting and JavaScript (jQuery based) code.

## Support & QA Engineer at MagneticOne

September 2011 - February 2012 (6 months)

Taking care of customer requests and testing software.

## Examples of projects I was working on:

### Distributed Photo Management System

Technologies and operations:

- PHP (Symfony2 framework): OOP design, writing controllers, services, makeup integration;
- JavaScript (jQuery): AJAX requests and page animations.

- DBMS (PostgreSQL): was handled by Doctrine 2 ORM, so my work was to design models and custom queries in repositories with help of DQL.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Write admin section of project (CRUD for users, agenda for photographers, status of synchronization tasks);
- Design logic and API for syncing between slave servers and primary server (synchronization tasks);

## E-commerce system (selling of iPhone covers with custom images)

Technologies and operations:

- PHP (Kohana2): OOP design for custom logic which was out of scope of Kohana, writing controllers, designing models, views integration;
- JavaScript (jQuery, pure JS): AJAX requests and displaying results of them;
- DBMS (MySQL): DB requests partially was handled with Kohana and partially with pure SQL-requests

In this project my responsibilities were (in general):

- Support legacy code and fixing issues (like wrong rendering on frontend, improving registration system);
- Integration of frontend public part with makeup;

## Email sending system

Technologies and operations:

- PHP (CodeIgniter 2): controllers, views, models
- JavaScript (jQuery and pure JS): work with DOM-elements, animations, AJAX;
- DBMS (MySQL): DB requests partially was handled with CodeIgniter (lately with Doctrine 2) and partially with pure SQL-requests

In this project my responsibilities were (in general):

- Develop widget system for easy subscribing to email newsletters;
- Integration of Doctrine 2 ORM and CodeIgniter;
- Integration of frontend public part with makeup;

- Opt out system.

## Booking System for football fans

Technologies and operations:

- PHP (Zend 2 framework): OOP design, writing controllers, services, makeup integration;
- JavaScript (jQuery and pure JS): AJAX requests and page animations.
- DBMS (MySQL): was handled by Doctrine 2 ORM, so my work was to design models and custom queries in repositories with help of DQL.

In this project my responsibilities were (in general):

- Improvement of booking process (adding special options during process);
- Integration of frontend public part with makeup.

## Social Network for babysitters and parents

Technologies and operations:

- PHP (In-Portal framework): OOP design, writing units, makeup integration;
- JavaScript (jQuery and pure JS): AJAX requests and page animations.
- DBMS (MySQL): was partially handled by In-Portal and partially by plain SQL.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Design business logic for creation and management of jobs, profiles;
- Integration with In-Portal admin section

## Social Network for Creative People (Artists, Musicians, Videographers etc.)

Technologies and operations:

- PHP (In-Portal framework): OOP design, writing units, makeup integration;
- JavaScript (RequireJS, jQuery and pure JS): AJAX requests and page animations.
- DBMS (MySQL): was partially handled by In-Portal and partially by plain SQL.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Integration with In-Portal admin section

## Web-site for surgery tools production company

Technologies and operations:

- PHP (In-Portal framework): OOP design, writing units, makeup integration;
- JavaScript (RequireJS, jQuery and pure JS): AJAX requests and page animations.
- DBMS (MySQL): was partially handled by In-Portal and partially by plain SQL.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup (included generation of image and video galleries);
- Integration with In-Portal admin section;
- Work with Youtube API for getting thumbnails;

## Vkontakte statistics service (daemon)

Technologies and operations:

- Python(pure): OOP design, thread tasks;
- DBMS (MongoDB): pymongo requests.

In this project my responsibilities were (in general):

- Writing multithreaded statistics gathering tasks which work via Vkontakte API
- Logging system
- Calculation of public auditory intersection
- Gathering data on subscribers of different publics

## Vkontakte statistics service (web-interface)

Technologies and operations:

- Ruby(Ruby on Rails): OOP design, writing controllers, designing models, makeup integration;
- JavaScript (CoffeeScript, jQuery and pure JS): AJAX requests and page animations.
- DBMS (MongoDB): was handled by mongoid.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Development of admin section of interface
- Vkontakte authorization

## SMS sending gateway

Technologies and operations:

- Ruby(Ruby on Rails): OOP design, writing controllers, designing models, makeup integration;
- JavaScript (CoffeeScript, jQuery and pure JS): AJAX requests and page animations.
- DBMS (MongoDB): was handled by mongoid.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Auth via Facebook, Twitter, Vkontakte;
- Development of admin section of interface with ability of CRUD-actions on users, applications and displaying statistics of that.
- Development custom layers for different SMS-providers.

## Event Ticket Service

Technologies and operations:

- Node.js (Express): code design, writing unit-tests, makeup integration;
- Frontend JavaScript (CoffeeScript, jQuery and pure JS): AJAX requests and page animations.
- DBMS (MongoDB): was handled by Mongoose.

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Development of admin section of interface
- authentication

## Youtube Statistics Service

Technologies and operations:

- Node.js (Express, TypeScript) for daemon part: code design, writing async tasks;
- Node.js (Express, TypeScript) for web-interface API part: code design, writing controllers and unit-tests;
- Frontend JavaScript (Angular 2, TypeScript): code design, writing components and services;
- DBMS (MongoDB): was handled by Mongoose (for daemon and web-interface parts).

In this project my responsibilities were (in general):

- Integration of frontend public part with makeup;

Most of these projects were running on Linux. Git was used as source code management system on all of them.