

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: Node.js, Ruby, Python and PHP (and even JavaScript).

He knows a lot about such RDBMS and key-value storages: MongoDB, MySQL, 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 the keyboard.

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

Experience

Backend Developer (Node.js) at Tensill

July 2021 - Present (1 year)

Development of application that automates work for analytics team who provide services in building construction's quality assurance. On my side, it was the development of microservices that work tightly with AWS (Neptune, S3, step functions, Lambda, Cognito, etc.) and the creation of 3rd-party integrations using APIs and custom file import/export.

Backend Developer (Node.js) at Lohika

July 2019 - July 2021 (2 years)

Development of a project which helps ML-engineers to track their tasks and assets.

My responsibilities are to design and implement APIs (microservices, PostgreSQL, Redis) and to keep the codebase covered by tests. Also responsibilities include changing of the CI/CD pipeline.

Backend Developer (Node.js) at EPAM Systems

October 2017 - June 2019 (1 year, 8 months)

Development of a complex project which helps one of the biggest sport retailers in the world to sell team kits.

My responsibilities were to design APIs (microservices, MySQL, Elasticsearch, Redis) and to keep the codebase covered by tests. Also responsibilities included changing of CI/CD pipeline and management of infrastructure on AWS with help of Terraform.

Backend Developer (Node.js) at Codemotion

April 2017 - September 2017 (6 months)

Development of several complex projects: payment system, virtual servers management.

My responsibilities were to write code for APIs and background workers, and unit-testing.

Backend Developer (Node.js, Ruby, Python, PHP) at Social Marketing Studio

September 2014 - March 2017 (2 years 7 months)

Development of a project which gathers stats on social networks.

My responsibilities were 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 Stats 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;

Social Stats Service for Vk.com

Technologies and operations:

- Node.js (Express, TypeScript) for scheduler and worker parts: code design, writing async tasks;
- Node.js (Express, TypeScript) for web-interface API part: code design, writing controllers and library;
- Frontend JavaScript (ReactJS, 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.