

Volodymyr Fedyk

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Node.js (Python/Golang) developer

Objective

I want to sell you an elephant.

He can develop sites, scripts, or other applications using several programming languages, including Node.js (JavaScript/TypeScript), Ruby, and Python. He is also seeking the possibility of learning Golang and Rust.

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

He is very smart and educated. He loves to create objects of classes in the OOP Paradigm and functions in functional ones, write robust algorithms and construct data structures.

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

If you need to, 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, Golang) at Rebbix

September 2022 - November 2024 (2 years 2 months)

Development of an application that helps people find service providers for quick-fix jobs or complex ones. Support of infrastructure (AWS, Terraform, etc.).

Responsibilities: design of the architecture, implementation of new features, support of legacy parts.

Backend Developer (Node.js) at Tensill

July 2021 - August 2022 (1 year)

The application for the analytics team that provides services in building construction quality assurance. On my side, I developed microservices that work tightly with AWS (Neptune, S3, step functions, Lambda, Cognito, etc.) and created third-party integrations using APIs and custom file import/export.

Backend Developer (Node.js) at Lohika

July 2019 - July 2021 (2 years)

The application for ML engineers to track their tasks and assets.

My responsibilities included designing and implementing APIs (microservices, PostgreSQL, Redis) and keeping the codebase covered by tests. Also, among my responsibilities were improvements to the CI/CD pipeline.

Backend Developer (Node.js) at EPAM Systems

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

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

My responsibilities were to design APIs (microservices, MySQL, Elasticsearch, Redis) and keep the codebase covered by tests. Other responsibilities included changing the CI/CD pipeline and managing infrastructure on AWS with 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, as well as 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 that gathers stats on social networks.

My responsibilities were to add features to daemon (which was written in Python) and to the web frontend (which was developed on top of the 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)

A project on top of the 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 the help of DQL.

In this project, my responsibilities were (in general):

- Integration of frontend public part with makeup;
- Write the admin section of the 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 the scope of Kohana, writing controllers, designing models, and 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 raw SQL queries

In this project, my responsibilities were (in general):

- Support legacy code and fixing issues (like wrong rendering on the frontend, improving the 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): usual work with DOM, animations, AJAX, etc.;
- DBMS (MySQL): DB requests partially was handled with CodeIgniter (lately with Doctrine 2) and partially with raw SQL queries

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 the help of DQL.

In this project, my responsibilities were (in general):

- Improvement of the booking process (adding special options during the 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 the creation and management of jobs and 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

Website 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 (including generation of image and video galleries);
- Integration with In-Portal admin section;
- Work with Youtube API for getting thumbnails;

Social network 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 that work via that social network API and by scraping the data
- Logging system
- Calculation of public auditory intersection
- Gathering data on subscribers of different publics

Social network 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 the admin section interface
- Authorization via social network

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 an admin section with the ability to CRUD actions on users and applications and display statistics.
- Development of 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

- Development of the authentication and authorization

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;