



Sergei Illarionov

Full Stack IT Development

IT, IoT, Desktop, Web & Mobile Development, IT PM, Support & Consulting

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SKILLS

Ruby Ruby on Rails for Web + GTK for Linux Desktop

PHP Yii2 framework, Laravel framework, PHP Slim framework, LAMP \ LEMP stack

JavaScript React, jQuery

Databases MySQL, MariaDB, MongoDB

API API development & use (RestFul, Soap, OAuth2, social networks API, Geolp, etc)

Linux Servers Full configuration of Linux-based VPS/VDS or cloud servers (like AWS EC2) for web projects + basic protection, support.

Hybrid Mobile Apps Cordova + JS

Slack Apps & Chat Bots Slack Applications & Chat Bots (Ruby or PHP based)

Internet of Things Gadget's web interface & mobile apps, based on Arduino firmware + web technologies (Ruby, PHP, JS, etc)

IT Projects Management IT PM, Support & Consulting

WORK EXPERIENCE

● Ruby on Rails + React developer

From February 2022 to February 2024 SSL.com (app.esigner.com) USA

Ruby on Rails + React web development of a project with SSL digital signatures (app.esigner.com), where you can upload and manage documents, draw signatures, paste QR codes, names, dates, content field blocks and eSeal it as a signed contract finally trusted by SSL.com.

It was this list of technologies in use: Virtual Stack (virtualbox, linux), queue providers (sidekiq), websockets (ActiveCable), databases (MySQL 8-based ActiveRecord with migrations and indexes, token encryption, own additional security filtration), rake scripts (from lib/tasks), cache system (Redis), files (ActiveStorage + own additional encryption, HexaPDF generation), other libs (Rmagic, RQRcode, etc).

The project has lots of API queries to their main app to take certificates or eSeal a document. It was BEARER OAUTH2 way to log in via their main SSL.com website, so Devise callbacks had been in use with own tokens structure for sessions.

I've developed my own gem during the job process to detect a dark background area by coordinates based on luminance W3 standards: https://rubygems.org/gems/is_dark (uses some maths to invert a signature to a white one over dark areas)

I've been involved into their front-end React development too, it was with dispatch/reducer logic, LocalStorage, AJAX requests to the RoR back-end part. React uses different components like React-pdf or vector signature drawing, Drag&Drop functionality, etc. Some pages have had basic Rails view templates with a pure js code without frameworks.

It was an experience to have Rspec tests and Jest tests for React. Lots of refactoring and optimization all the time, I've done even a Slack App to manage SSL certificates during the project. I've learned a lot from a team of highly professional persons.

Remote full-time position.

WORK EXPERIENCE

IT coordinator + Yii2 and React developer

From April 2017 to September 2020 Basiligo (basiligo.ae) UAE

Full development of a food delivery CRM system, based on Yii2, Redis cache, jQuery, React, Sphinx search, LEMP, EC2 and other technologies, where owners can manage full business processes of their departments (logistics & delivery, kitchen, orders, meal plans, food ingredients procurements, marketing activities & sales, financial reports, client base, etc) + important role of their intranet closed client's social network development (updates, bug fixes and new functionality), where clients can manage their weight gain/loss activity, add allergies, change delivery foods or time, update meal plans, have a payment, upload photos and have nutritionists support conversations. Both systems have had one middle database for some operations. They even have had a Cordova-based mobile app, developed by me (with a functionality to login and make an order only). I've done a full Linux configuration with basic security protection and high-load optimization on AWS EC2.

Remote + Full-time position from their office. I've been to UAE with this contract.

Yii2 Web Developer

From April 2018 to September 2020 Cabinet of Curiosity (cabinetofcuriosity.me) UAE

The project is about the antique store (Yii2-based with the project's own admin panel). The functionality is not standard - "on hold" products, "out of stock" products, products "as a set" (collected from different products), scheduler for a home review with a calendar (based on available dates from the admin panel), payment integrations, loyalty code discounts, pdf exports, profile history and management, marketing integrations, blog functionality, search functionality, etc. I've developed it all with a full Linux server configuration and protection from scratch.

Remote part-time job, I've been to UAE with this contract.

Yii2 web developer

From December 2016 to April 2017

Travelmustard (<https://www.linkedin.com/company/travelmustard/>) Australia

Social network development for travelers, based on Yii2 and LAMP technologies, jQuery and WebSockets, AWS EC2 and S3 configuration. It was an Australian startup for an invest fund research, so I've been involved into the quick and simple prototype development.

Remote part-time position.

Full Stack web developer

From January 2015 to January 2016

HTBase (<https://www.linkedin.com/company/htbase/>) Canada

Development of a data center system, based on open-source technologies (kind of an AWS-like very simple tier startup). The system provides an interface of servers integration and connection, the dashboard and management functionality. The system has plugins of cloud solutions, virtualization, monitoring, backups, and so on, so my role was about to have the development of the web part of the infrastructure (PHP, JS) + bash scripts adaptation to run it all and install from the web interface developed. It was a Slack App developed to manage the same servers with chatbot conversations.

Remote full-time position, but I've been to Canada and worked with the team for a while.

Antivirus Auditor (junior security role + web development)

From November 2013 to January 2015

Web Antivirus Solutions (<https://www.facebook.com/webvir.ru>) Moscow

Web development & Linux configuration, basic security protection tasks for IT outsourcing company, which offered some web development bug fixes and software updates, antivirus, firewall and other security protection (based on open-source tools) for Linux cloud (AWS) or VPS \ VDS servers. Manual JavaScript viruses cleanup and code review of web projects, very basic legal security audit with reports for clients.

Remote part-time job.

WORK EXPERIENCE

- **PHP team lead, Project & Account manager**

From June 2011 to November 2013 Sil Design (sil-design.ru) Moscow

Manager functions with developers and customers, Full Stack Web development as a team lead. All of the company's server infrastructure administration. Meetings and conversations with customers, technical documentation and contracts preparation. IT Jobs for a famous russian brand (a website for an HR branding job.citilink.ru).

- **PHP developer**

From April 2010 to June 2011 Like Box (likebox.ru) Moscow

HTML & CSS websites development. PHP development with CmsMadeSimple, WordPress. Development of the company's startup projects with pure PHP + Javascript + jQuery + MySQL technologies. Development of IFrame social applications for Facebook and vk.com. Templates development for other different CMS systems. I've learned SEO and SMM basic skills and had some experience with servers and databases (Linux administration). Lots of jobs for famous russian bands: starbucks-tier coffee place (Koffeine brand), chain of winter clothing stores (Snow Queen brand).

- **Junior PHP developer**

From January 2009 to January 2010 Ozis Moscow

HTML & CSS code, templates and modules development for CmsMadeSimple, simple scripts and web applications.

- **Practical**

From January 2008 to March 2008 Flant (flant.ru) Moscow

Linux Gentoo and Debian installation.

EDUCATION

- **Finance and Credit**

From October 2008 to February 2012 Moscow Institute of Banking, Moscow, MS, Russia
4,5 years of "finance & credit" learning program confirmed (official document of incomplete higher education, no diploma)

- **Applied Mathematics**

From September 2007 to February 2008

Bauman State Moscow University, Moscow, MS, Russia
0,5 years of education

LANGUAGES

English B1-B2 level

Portuguese Beginning, pre-A1 level

Russian Fluent

MORE INFO

Website: <https://butteff.ru>

CV: <https://butteff.ru/cv.pdf>

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