



Sergei Illarionov

Full Stack IT Development

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

Mail: butteff.ru@gmail.com

Telegram: @butteff (can be blocked)

SKILLS

Ruby Ruby on Rails for Web + Ruby software

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

JavaScript React, jQuery

Databases MySQL, PostgreSQL, MariaDB, MongoDB

API API development & integration (RestFul, Soap, OAuth2, social networks API, GeoIp, 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 + JavaScript

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 and web technologies based on Ruby, PHP, JavaScript

IT Projects Management IT PM, Support & Consulting

WORK EXPERIENCE

See next page for work experience details please

ABOUT

Not a company, just an IT person or freelancer. Not a logo, just kind of an avatar.
Not a business, but legal status and documents for your company, for your business and for your tax accountant, I pay taxes here, so I am a fully legal person for our future jobs.
I am looking for a remote contract or for a job position.

Yii2 / React web developer

From September 2024 to December 2025 ArtMechanics (artmexanika.ru) Moscow

ArtMechanics - web project about theatres. Lots of russian theatres are involved. Theatres can plan their program with this project, they can manage actors, technical workers, scenes, they can plan their calendar. Some actors can work in different theatres, so theatres can't know what time is busy for an actor without this project, ArtMechanics keeps it simple, so theatres and actors can know their schedules, it is easy to work with the project via mobile apps and with web interface for both (for people and for theatre companies). Theatres and actors, technical workers can build their reports as well. Other functionalities exist too, for example, TVs in theatres can have their calendar, their paper program can be built with ArtMechanics too.

It is kind of a CRM system for theatres and for their workers, where theatres can manage their business and their art, where actors and workers can relax and know schedules without a stress.

The project is about Yii2 and React technologies, they use native mobile apps, which use API of ArtMechanics. Project uses queues, different architecture patterns, caching, database with difficult queries and with transactions. Project has huge architecture, not easy CRUD project to be honest. It uses git control version system, unit tests, websockets and ajax queries. I've been involved to this development and to their support. It was about to have kind of devOps tasks during my job too.

Ruby on Rails + React developer

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

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

It was about this list of technologies in use: Virtual Stack (virtualbox, linux), Queue providers (Sidekiq), WebSockets (ActiveCable), Databases (MySQL 8 with ActiveRecord, with migrations and with indexes, with token encryption, with 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 from their main app to their remote server, the app takes certificates by this API or can eSeal a document with their API too. It was about BEARER OAUTH2 way to login via their main SSL.com website's account, so Devise callbacks had been in use with own token structure for sessions after this authentication.

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 math to invert a signature to new white one over dark areas)

I've been involved into their front-end React development too, React was with dispatch/reducer logic, with LocalStorage, with Ajax requests to their RoR back-end part. React uses different components, for example, React-pdf is in use, other components for vector signature drawing functionality, for Drag&Drop functionality, etc. Some pages have had basic Rails view templates with a pure JavaScript code without any frameworks.

It was an experience to have Rspec tests for Ruby and Jest tests for React. Lots of refactoring and optimization tasks 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 professional persons.

Remote full-time job 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 food, manage delivery time, update meal plans, have a payment, upload photos and have support conversations with nutritionists. 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 kind of a high-load optimization on AWS EC2 servers.

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 (MVP 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-simple-tier project, MVP version). The system provides an interface of servers. Integration and connection, management of servers can be done via their dashboard. The system has plugins for cloud solutions, virtualization, monitoring, backups, etc. My role there was about to have the development of the web part of the infrastructure. It was about PHP + js, about bash scripts to run and install it all from their web interface. I've developed Slack App to manage the same servers with chatbot conversations too.

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. I've had some experience with servers and databases (Linux administration). Lots of jobs for famous russian bands: starbucks-tier coffee place (Koffeine brand), popular 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

4,5 years of "finance & credit" learning program confirmed (official document of incomplete higher education, no diploma)

LANGUAGES

English B1 level

Russian Fluent

MORE INFO

Website: <https://butteff.ru>

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

LinkedIn: <https://linkedin.com/in/butteff>

GitHub: <https://github.com/butteff>

Mail: butteff.ru@gmail.com

Telegram: [@butteff](https://t.me/butteff) [can be blocked]

