

# Victor Vinogradov

## Senior Software Engineer

**Location:** Russia, Krasnodar

**Email:** [happy.jedi.g@gmail.com](mailto:happy.jedi.g@gmail.com)

**Skype ID:** [happy.jedi.v](https://www.skype.com/en/contacts/skype/happy-jedi-v)

**Maintainer of:**

<https://github.com/resolving/endpoint-flux>

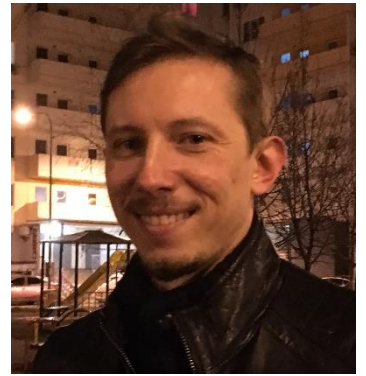
**Github:**

<https://github.com/happyjedi>

**LinkedIn:** [vinogradovvictor](https://www.linkedin.com/in/vinogradovvictor)

**Telegram:** [@happyjedi](https://www.telegram.me/happyjedi)

<https://github.com/resolving/ruby-code-autoreloader>



## Technologies:

*Have good expertise in:*

- **Ruby, Ruby on Rails (6 years)**
- PostgreSQL, MySQL, DynamoDB
- **ReactJS + Redux (3 years)**
- RabbitMQ, CloudAMPQ, Redis, Nginx
- REST API, JSON API
- Docker, Capistrano, Ansible, Terraform, Bash
- CircleCI, Mandrill (Mailchimp), OPSWAT MetaDefender Core
- GIT (Github, Gitlab, Bitbucket)
- AWS cloud architecture management, DigitalOcean
- Jira, Trello, Agile
- Managing a team of developers, Planning and creating a project's architecture, Analyzing business requirements and converting them into developer's requirements, Planning and controlling the development process, Mentoring developers and sharing the experience

*Used a long time ago with good experience:*

- C++, Delphi, Assembler, Lua

## Professional Experience Overview:

I am a passionate engineer and analyst. I have 10+ years of experience in Software Development on projects in different fields (Ombudsman services, Education, Marketing, Fire Safety, Aircraft and Avionics, Management). For the last 6+ years, I have been working as a Senior Ruby on Rails Engineer. Moreover, the last years I am working as a Lead software engineer (Team/Tech Lead) and managing a team of great developers.

I have created a number of projects using Ruby on Rails, worked with legacy code and developed applications from scratch (architecture and design of the project, managing requirements and picking the technology stack). At the start of the career as a Web-developer, I have developed and started my own e-commerce project in the sphere of fire safety in Russia (DefexPro). In addition, I have worked as a full-stack web-developer at Weareapps, Level90 and Intetics Inc. at remote full-time positions, and been involved in different projects with positive feedback.

I am specializing in back-end development with Ruby and Ruby on Rails and ReactJS for front-end. I have a good experience of using a large stack of technologies and in managing a team of developers (7-10 people), and in analyzing business requirements and converting them into developer's requirements, planning and controlling the development process, mentoring developers and sharing the experience. I was involved in almost all parts of software development – software architect, development, verification, testing, database design and configuration, application design, devops, deployments, CI, users support, making documentation, consultations and hiring new developers. In total, I have positive feedback from all my previous job positions.

Before Web-development, I worked as the Software engineer in the sphere of Aircraft and Avionics (C++/Delphi/Assembler/LabView). I was involved in projects for EMERCOM of Russia and for famous world aircraft manufacturers.

**Every project is important for me. I like solving problems for people by making a good product.**

**The main goal for me is to provide an excellent service for business and convert ideas to profitable value.**

## Professional Experience:

### Lead Software Engineer, Intetics Inc., Mar 2019 – Oct 2020

#### **Project description:**

- An ombudsman service to solve issues between consumers and companies, processing complaints through a complex workflow. Startup from London with more than 100k of active users. It uses the AWS cloud infrastructure and has micro-service architecture.
- <https://www.ombudsman-services.org/>
- <https://www.resolver.co.uk/>

#### **Responsibilities:**

- Delivering high-quality well-tested software that meets agreed requirements (Backend and Frontend development)
  - Software Architect
  - Managing the team with 7-10 specialists (Full-stack developers, Front-end developer, QA testers), Teaching and sharing experience with developers
  - Planning future work according to business requirements and controlling the development process
  - Discussing requirements and planning architecture and tasks for new projects
  - Design Review with developers before tasks and Code Review after completion, help to developers with a task's development problems, Global refactoring and improvements, Changing current project's architecture
  - Solving tricky problems with libraries and underlying issues, Creating documentation, Developing new features
  - Devops with Bash scripts and Terraform, Deployments to Production
  - Managing AWS cloud platform using different services ECS, Fargate, S3 Bucket, Route 53, Security groups, load balancers, DynamoDB, Redis, CloudWatch and etc
- In addition, I'm a maintainer of the great library for organizing a code in a project - <https://github.com/resolving/endpoint-flux> (inspired by trailblazer) and created a special gem for live-reloading the source code in dev mode for non-Rails apps - <https://github.com/resolving/ruby-code-autoreloader>*

#### **Technologies:**

- Ruby on Rails 5, Sinatra, REST API, JSON API, PostgreSQL, MySQL, DynamoDB, Redis, RabbitMQ, CloudAMQP, Sneakers, Sidekiq, Rspec, Rubocop, Docker, AWS cloud management, Terraform, Bash scripts, ReactJS, Redux, CircleCI, Nginx, OPSWAT MetaDefender Core, Mandrill, Honeybadger, Slack, Agile, JIRA, Github

### Senior Software Engineer, Intetics Inc., Dec 2017 – Mar 2019

#### **Project description:**

- An ombudsman service to solve issues between consumers and companies, processing complaints through a complex workflow. Startup with more than 100k of active users. It uses the AWS cloud infrastructure and has micro-service architecture.
- <https://www.ombudsman-services.org/>
- <https://www.resolver.co.uk/>

#### **Responsibilities:**

- Delivering high-quality well-tested software that meets agreed requirements, Developing new features,

Improving performance, Developing architecture for new micro-services, Code Review, Creating documentation, Devops with Bash scripts and Terraform, Deployments to production, Managing AWS cloud platform using different services ECS, Fargate, S3 Bucket, Route 53, Security groups, load balancers, DynamoDB, Redis, CloudWatch and etc, Teaching and sharing experience with new team members

*In addition, I've Integrated OPSWAT MetaDefender Core into application. Fixed the lack of documentation.*

#### **Technologies:**

- Ruby on Rails 5, Sinatra, REST API, JSON API, PostgreSQL, MySQL, DynamoDB, Redis, RabbitMQ, CloudAMQP, Sneakers, Sidekiq, Rspec, Rubocop, Docker, AWS cloud management, Terraform, Bash scripts, ReactJS, Redux, CircleCI, Nginx, OPSWAT MetaDefender Core, Mandrill, Honeybadger, Slack, Agile, JIRA, Github

#### Senior Ruby on Rails developer, Level90, Jul 2017 – Jan 2018

##### **Project description:**

- Educational platform with different courses
- <https://facebook.com/Level90courses> (<http://level90.ru>)

##### **Responsibilities:**

- Developing new features, Improving performance, Creating and planning tasks according to business requirements, Communicating directly with business without PM/PO, Devops

*In addition, Integrated SMS notification system. Also created a plan and architecture for a new version of application. Investigated a new project and delivered high quality software in a very short time.*

##### **Technologies:**

- Ruby on Rails 4, PostgreSQL, JQuery, Rspec, Bullet, rack-mini-profiler, Capistrano, Ubuntu, Gitlab, Agile, Trello

#### Senior Ruby on Rails developer, WeAreApps (London), Apr 2016 – Jun 2017

##### **Project description:**

- Web & mobile application development
- 3 different projects for leading brands(Westfield) and for advertising, marketing and design agencies
- <https://www.ileader.app>,
- [www.airspace.cc](http://www.airspace.cc),
- <https://www.westfield.com>

##### **Responsibilities:**

- Developing new features, Improving performance, Creating and planning tasks according to business requirements, Communicating directly with business without PM/PO, Devops

*In addition, I significantly improved the performance on one of the projects and as a result reduced the loading time of application for the heavy statistics page with graphs in 100 times.*

##### **Technologies:**

- Ruby on Rails 4, REST API, JSON API, PostgreSQL, Rspec, JS, JQuery, HAML, CSS, React Native, BackboneJS, Puma, Nginx, AWS, DigitalOcean, Capistrano, Ubuntu, Github, Bitbucket, Agile, JIRA

#### Full-stack Ruby on Rails developer, Individual Entrepreneur, June 2014 – Dec 2016

##### **Project description:**

- DefexPro - Web-system for assessing fire safety of buildings and objects, startup

##### **Responsibilities:**

- My friends from Department of Fire Safety of Russian Federation (EMERCOM ministry) wanted to improve their quality of work and performance, and they wanted an IT-product for this task.
- I have analyzed all documentation and problems from sphere of Inspection of Fire Safety and developed a commercial product for this task. Moreover, I decided to build this project with Ruby on Rails, because I worked alone and *web-development was a completely new field for me.*
- I have developed all parts of project - idea, architecture, created business requirements and

development tasks, database-content, algorithms, admin-panel, design, tests, server-administration, deployment, marketing, SEO (Google, Yandex), promotion, accounting and finance, jurisprudence and other. E.g. was as CTO, PM, PO and TM roles all at once. However, we didn't get an agreement from Russian Government to integrate it to their existed on-line systems, because of complex law system, so, **the project is on hold.**

**Technologies:**

- Ruby on Rails 4, REST API, PostgreSQL, Redis, Puma, Nginx, ElasticSearch, Sidekiq, Rspec, Capybara, SLIM, SCSS, JS, Jquery, Twitter Bootstrap, Capistrano, Ansible, DigitalOcean, Heroku, Github, NewRelic, BluePill

**Software Engineer, Beta Air, May 2011 – Jun 2014**

**Project description:**

- Software for different test equipment for aircraft and helicopter avionics testing, aviation maintenance, repair and overhaul.
- <http://www.beta-air.com/en>

**Technologies:**

- C++, Delphi, Assembler, Lua, LabView, SVN, Borland Builder, MS Visual Studio

*In addition, I was nominated as "A Perspective young engineer of the year 2012" in Russian Helicopter Industry Association Award (on HeliRussia 2012).*

**Web developer, TIT SFedU Center for University Preparatory Instruction, Sept 2009 – Jan 2011**

**Project description:**

- Distance Educational platform for students

**Technologies:**

- Adobe Flash CS3, Action Script 2.0, Moodle, HTML, CSS

**Education:**

- Master's degree in Southern Federal University, Russia, Taganrog, 2007-2012
- Bachelor's degree in Engineering College, Russia, Armavir, 2003-2007