

# Danil Kutkevich Back-end developer

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## Briefly about myself

Hello!

Since 2016 I'm writing on Go, before that it was been Ruby on Rails.

There are two projects on Golang, developed on a commercial basis — these are backends to gaming mobile applications. More about them below, in the section [«work experience»](#). To these projects there is [a little general logic in the form of the open source](#), taken out in separate packages.

I can boast that the biggest advertising campaign, which brought us 50,000 new user registrations, for several days, and created a load of up to 120 RPS, are loaded the server by less than 10%.

Of these resources, 90% of the processor time and memory, had to database. The application written by me, has spent hardly noticeable amount of processor time and memory.

And this, in spite of the fact that everything readed from the database is cached and never re-read, either before the application is reloaded or before the TTL expires.

120 RPS — this is of course small. But to engage more traffic to the server, unfortunately, unable to.

In addition to these projects, there are others written individually by me. But, despite this, I'm a team player, and most effectively I work in a cohesive team of like-minded people.

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I develop horizontally scalable APIs and caching servers.

Example of my code at [github](#).

# Work experience

10.2016–2018 [Armor5Games](#)

## Bing Han Garden

Game mobile app

I have developed the backend. For example, RESTful API, TCP server for real-time communication (not yet released), as well as acceptance of payments via Apple Store and Google Play

Go PostgreSQL MongoDB Ansible

## Rise of Pirates

Game mobile app

I was developing the backend. For example, acceptance of payments via Apple Store. The application have operating easily on the 120 RPS load (50,000 of new users per week)

Go MySQL MongoDB Ansible

06.2013–08.2016 Waveaccess

## Medclient

Electronic health record

I was developing the backend and frontend.

This app stands out for its size: more than 50 models

Ruby on Rails PostgreSQL

## Holiadvice

Telemedicine

I have developed the back end. For example, acceptance of payments via Paypal, as well as WebRTC-videoconference

Ruby on Rails PostgreSQL WebRTC Heroku

## Salemed

Electronic marketplace for MRI (Magnetic resonance imaging)

I was developing the backend and frontend.

The hardest thing was — is to organize the Lisp application without the usual framework)

Clojure PostgreSQL AngularJS

## Fhirbase

Open source data storage for the medical data (FHIR — Fast healthcare interoperability resources) based on PostgreSQL and V8

Developed the performance testing which triggered by Travis CI on AWS EC2 after Git tag was created

CoffeeScript PostgreSQL Bash script Ansible AWS

04.2012–06.2013 **Molinos**

## Nevareaktiv

Supplier of chemicals

I have developed the backend. For example, full-text search in product catalog, as well as the system of automatic application restart in cases of fatal error or a server reboot

Ruby on Rails Thinking Sphinx MySQL RSpec Nginx God Capistrano

## Omorfia

Ongoing contest, where the prize is a free of charge carrying out of plastic surgery

Developed a collaborative blog

Ruby on Rails MySQL RSpec

09.2010–04.2012 **Avers**

## prohq.ru

Freelancing platform

Search a address by KLADR (Russian qualifier addresses) and formation of PDF-form tax declaration

Ruby on Rails Thinking Sphinx MySQL Nginx jQuery Haml Sass

03.2008—09.2010 John studio

ska.ru

SKA Ice Hockey Club

The most interesting — it is the file attachments using Paperclip gem

Ruby on Rails PostgreSQL Nginx jQuery CSS HTML

11.2004—03.2008 Darout Service

hotelguide.com

Hotel booking

I have rewritten frontend from ColdFusion to JavaServer Faces

ColdFusion MySQL JavaScript CSS HTML

06.2003—11.2004

Investment Company Lenmontazhstroy

LMS

Corporate site

My first project

PHP MySQL CSS HTML

## Education

The Bonch-Bruевич Saint-Petersburg State  
University of Telecommunications 1997 — 2001

Information Technology, 3rd year

**Eng** <http://danil.kutkevich.org/en>

**Rus** <http://danil.kutkevich.org/ru>

*17 June 2018, at 12:34*