



Ivan Kulagin

<https://kulagin.dev>
t.me/ivan_kulagin

Backend-focused Ruby developer with 14 years of experience and passion to write clean, maintainable and testable code

With extensive experience in the APIs design and building complex systems, I help people to deliver their products to customers regularly, ensuring the changes made won't break anything. This of course involves creating deploy pipeline, create cloud environments, choosing the right tools for the right job. Looking for full-time remote **senior Ruby developer** position, or **Rust middle** position with growing perspective

The latest version of my CV can be found at <https://kulagin.dev/cv/ruby.pdf>

Languages

Ruby
Rust
Elm
PL/pgSQL
*sh
Clojure
Python
Java/Kotlin
Haskell
Go
Erlang/Elixir

Databases

PostgreSQL
CockroachDB
MySQL
Redis
ClickHouse
Elasticsearch
MongoDB

Devops

Terraform
Ansible
Systemd (advanced)
Netfilter (nf/iptables)
Cgroups/namespaces
Nomad/Vault/Consul
Bare-metal servers

Clouds

Google Cloud
Heroku

IT skills

- 5 ■ **APIs:** The facade of your system, hiding its internal complexity. Everyone wants this facade to be nice for others, and I'm helping people with that
- 4 ■ **Testing:** I have a weighted approach of testing: there's no need in overtest everything (at the beginning for sure), but the critical parts should be tested
- 4 ■ **Refactoring:** This is huge topic, and only following best practices and carefulness lead to success. Sometimes this process takes a lot of time, even if you have detailed plan
- 4 ■ **Data parsing/normalizing:** Probably my favourite types of tasks. I love data manipulation
- 3 ■ **Data scraping:** Watching run logs of hundreds of simultaneous scraping connections really please my eyes
- 2 ■ **Tasks automation:** As a programmer, you always have a mind/hands work to do. Automate repetitive tasks, but only after they become really annoying. Don't automate too early
- 2 ■ **Networking:** Every developer should have experience with building own "Anton". Since the 2007, when I had two, and till now, when I have eight bare-metal servers in my house, I love to practice networking stuff
- 2 ■ **Clouds:** As a freelancer I use clouds from the early AWS days, and my experience grow with each new client. There are huge amount of tools clouds provide, and I have been working with most popular of them. Sometimes building crazy things

Soft skills

- 5 ■ **Self-organization/time management:** Having been a freelancer all my life, mastering planning and time-management is a must
- 5 ■ **Analytical abilities:** Learn yours and others mistakes, track success, make future decisions based on both
- 5 ■ **KISS:** Don't overcomplicate/overengineer, split complex tasks on subtasks, manage one at the time
- 4 ■ **Creativity:** When you experienced with your tools, you can do amazing things with them
- 4 ■ **Perseverance:** There's always a way to do the thing, but if stuck, try to find another solution with team

AWS	4	■ Problem Solving: Formulate the problem, that is 80% of solution. Consult
Linode	4	with pros, use other's expertise and become better professional
DigitalOcean	4	■ Eager to learn/Curiosity: The more you know, the more ways you can do the
Azure	3	task. Always learn something, even unrelated to your main specialization. It's
worth it		
<div>Ai</div>		
OpenAI API	5	
Advanced prompt engineering	4	
<div>Microservices</div>		
Nats.io	4	
Telemetry	4	
<div>Protocols</div>		
MTPROTO	4	
GRPC	4	
Cap'n'proto	4	
MessagePack	4	
Diameter	4	
TLS/TCP/UDP/IP/ARP	5	
<div>Cryptography</div>		
Block modes theory	5	
(A)symmetric cyphers theory	5	
Password hashing algos	5	
<div>Frontend</div>		
Datastar	5	
CSS/TailwindCSS	5	
Hotwired	5	
Htmx	5	
Re-frame	3	
<div>Os</div>		
FreeBSD	5	
Linux	5	
MacOS	5	
<div>Visuals</div>		
After Effects/Photoshop	5	
Puml	5	
D2	5	
<div>Human languages</div>		
English	B2	
Russian	Native	
Sweden	Wish to learn, it's beautiful	
<div>My dream team</div>		
<ul style="list-style-type: none"> have the №1 rule in your code is <i>low in coupling and high in cohesion</i> code review is the only way code become merged to <i>main</i> love to write tests and that is easy to do, because of rule №1 don't spend thousands of hours per year on endless daily voice meetings have clear requirements and just work, using daily text reports to sync prefers self-documenting text communication over voice located in US/Europe/Australia/East and Southeast Asia region prefer to write 10 lines of code as <i>warden's</i> strategy instead of adding huge <i>devise</i> gem monster as dependency just to have <i>simple authentication</i> understand the problems the Active Record pattern introduce, and you do your best to keep it lightweight as possible choose dependencies wisely and prefer lightweight and well-designed ROM/Sequel over ActiveRecord where it makes sense 		
<div>Related interests</div>		
<ul style="list-style-type: none"> ■ Microcontrollers: We live at the times when buying NY/Christmas garland is boring, if you have ESP32 (which has WiFi module), few 10x10 plates of ws2812B, and love to solder ■ GTD: Learning how to manage your own life, how brain works, how it tends to cheat you, etc is a key of success for freelancer 		
<div>Job log</div>		
<p>Please note, these are major jobs I'm proud of. As a seasoned freelancer, I did lots of short-term projects (see my Upwork profile)</p> <ul style="list-style-type: none"> ■ Frigbot (IoT): 2022-10 – 2024-06 Position: Lead Rails Fullstack Developer + DevOps engineer Legacy Rails code refactoring, telecom integrations, high-load IoT cloud built ■ AVR Chiptuning: 2020-08 – 2020-10 Position: Elm and Hanami Full Stack Developer Frontend (Elm) and backend (Hanami API+dry) development ■ BlockVestMovement: 2020-05 – 2020-08 Position: DevOps Architect (AWS/Terraform/HashiCorp Stack) Multi-environment AWS stack design and implementation, CI setup ■ spINFLUENCEit: 2016-03 – 2018-06 Position: Lead Backend Developer (High-Performance APIs) Complex backend for iOS and macOS applications ■ Instamotor Inc.: 2015-07 – 2015-09 Position: Ruby Backend Engineer Refactoring and extending communication layer using Twilio API ■ Apple pass manager: 2015-03 – 2017-07 Position: Apple Passbook/AngularJS/Rails Full Stack Developer Apple pass WYSIWYG designer with passbook API integration 		

Contacts

CV kulagin.dev/cv/ruby.pdf
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■ **Skymond mobile Op:** 2013-10 – 2015-03

Position: Lead Ruby Backend Developer and DevOps Engineer
Online Charging System (OCS) for virtual mobile operator

■ **Higgins MD 420:** 2013-10 – 2015-03

Position: Rails Fullstack Developer
Refactoring and developing website for medical marijuana evaluation clinic

■ **Pelesend corporate site:** 2013-04 – 2013-08

Position: Backend Rails Developer
Refactoring and UI improvements of Pelesend corporate site

■ **ABC Logistik:** 2013-01 – 2013-06

Position: Full Stack Ruby on Rails Developer
Regular complexity site for Russian logistic company

Location

Please keep in mind that over the past 12 years, 95% of my clients have been based in North America, so my work schedule is already adjusted to ensure significant overlap with that region. The same applies to Southeast Asia region.

- I can relocate easily – I just need to notify my landlord.
- Preferred regions to live and work: Southeast Asia (especially Malaysia), Georgia (I have a residence permit there), Türkiye.
- From November to May, it gets chilly in Georgia (country), so I usually work and travel during this period.
- This winter, I plan to go to Southeast Asia.
- Until 2022, I lived in Russia, but I will not return there anymore.
- My current time zone: UTC+4

Desired salary

- My rate is 40\$/hour. That's 40h*160h*12m = 76800\$ per year (net).
- **I'm totally OK with a 1/2 rate for the first onboarding month**