

CV

Name	Gleb Sinyavsky
Occupation	Backend engineer
Location	Kazan, Russia. Looking for relocation to Europe.
Age	27
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Professional Experience

- 2011-2013 UZPS, Ufa, Russia - embedded linux developer

Accomplishments:

- GUI and low-level integrations for IPTV STB of own manufacture
 - JS-C++ bridge for Qt's Web and QML engines
 - Side project - an Android tool for remote control of IPTV STB
 - YouTube, IVI and Twitter apps for IPTV STB
 - Z-Wave home automation client for IPTV STB
- 2013-2015 Racoons Group, Kazan - full stack developer

Accomplishments:

- Integration between private enterprise Ruby application and Active Directory
 - ERP application based on [Bonita BPM](#) for architecture companies
 - Integrations with various payment gateways for many customers
- 2014-present RoadAR, Kazan - backend developer(part-time: 2-3 hours per week)

Accomplishments:

- Moving server infrastructure from Azure to Digital Ocean
 - Administrating and monitoring of highly loaded Sidekiq(150-200k jobs per day)
 - DB denormalization and SQL optimization
 - [Mobile app](#) API and optimization
 - Administration interface based on AngularJS
 - Various backends for side-projects
 - WEB app for manual recognition and dataset collection for road signs and car licence plates based on AngularJS and React
 - Build system for car plate recognition project based on CMake
 - Building RPMs and self-contained bundles for car plate recognition system
- 2017-present Mechanizm, Kazan - backend developer

Accomplishments:

- Microservice backend for [MrShoebox](#)

Education

- [USATU](#) - bachelor
- [UKSIVT](#) - technician

Technologies

	I'm good at	I'm familiar
I want to keep working with	<ul style="list-style-type: none">• Ruby/Rails/Grape and so on• Go• Linux• Docker• Ansible• PostgreSQL• PostGIS• QGIS• nginx• git• bash/zsh• Redis• Vagrant	Everything below
I want to improve	Everything above	<ul style="list-style-type: none">• MongoDB• Graphite• Elixir/Erlang and functional programming• Kafka• RabbitMQ• Java• ML and DL• Messaging bots for Telegram/Facebook• Android programming• Swagger
I don't want to work with	<ul style="list-style-type: none">• C++• Qt• QML• BPMN	<ul style="list-style-type: none">• Python• JavaScript

Skills	Open source and contributions
Strong OOP	margelet
Strong ruby metaprogramming	pinball
Strong refactoring	bubing
Unit and integration testing, automatization	go-telegram-bot-api
Linux administration	Multiple issues in various projects
CI/CD	
Microservices	
SQL optimization	
Crosscompilation	
DDD	
TDD	
DI	

Additional info

I prefer to write unit and integration tests for almost everything, sometimes before writing the code. It's very helpful for refactoring and makes me more confident in my work. Also I prefer to use functional programming patterns even in OO languages: if something can be done with pure functions - I will do it in this way, but without fanaticism and breaking the rest architecture.

Ruby is a very magical language and allows developer to make one task in different ways, so I usually write my code in a very obvious manner, but when the task requires to write boilerplate code, I use metaprogramming. If something can be done without metaprogramming and other magic it should be done without metaprogramming and magic. I prefer explicit interfaces in my code, it simplifies reading and understanding.

I like Ruby because it helps me to write very expressive code very fast. Ruby is a good choice for writing tricky business logic if it shouldn't be very fast. Code can be tested in a very easy way and programmer can focus on business requirements instead of platform limitations.

I like Go because it is the most nonmagical language I've ever known, it allows to write very transparent and understandable concurrent code with high performance and without additional runtime. It's a good choice for very fast and small concurrent programs for networks and tasks that require low latency.

I don't like Python and JS because of API inconsistency, I can't enter into the flow state when I work with them.

Hobbies

- Music (spent 4 years playing drums)
- Bicycle
- Mountain Skiing
- Video games
- SF books and movies