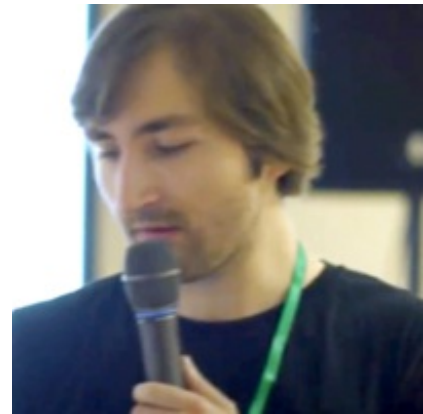


Victor Maslov

Ruby programmer



Production experience

8 years

Location

Moscow, Russia

open for remote job

Contacts

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Phone: +79150019133

Skills

Ruby • Wolfram Mathematica • Functional programming • Artificial Intelligence • Machine Learning • Data visualisation and analysis • Math • English (B2-C1) • DevOps • Continuous Integration • Testing Automation • Selenium • Git • Docker • Google Cloud Platform • Yandex Cloud

Professional communities

since April 2010
(13 years)

Stack Overflow



Nakilon
34.6k ● 14 ● 107 ● 141



14
gold badges

● ruby

34,642
reputation

5.8m
reached

268
answers

82
questions

 top **0.73%** overall

since Nov 2012
(11 years)

GitHub

👤 45 followers · 118 following

<https://github.com/nakilon>

Summary

HARD SKILLS

Programmer, mathematician, hacker, author of several cool algorithms.

Coding since 1994, in Ruby since 2008. Author of multiple gems.

I use Ruby in almost all kinds of software: DevOps microservices, chat bots (IRC, Slack, TG, Twitch, Trovo, etc.), raster and vector graphics processing, text and binary data processing, procedural graphics generation, REST/websockets/Selenium/CDP web automation, scraping, WinAPI/Applescript wrappers, game bots AI, 2D games, etc.

When in need of performance, and if the program is already fully optimized algorithmically, I rewrite parts of it in C (sometimes via native extensions), Go or anything I want to experiment with. I have some experience in Javascript (jQuery, Chrome extensions, Google Apps Script). Sometimes I process data in Wolfram Mathematica (Wolfram Language) because data visualization is often crucial in software development but recently I started to find ways to visualise using Ruby.

I'm also into the problems of artificial intelligence and I often apply this experience everywhere -- computer vision, recognizing the PDF document semantic structure, perceptual image diffing and successful participation in related programming contests.

My office job was usually about Software Development in Test -- I can start DevOps and automate the acceptance testing into your development workflow.

Had an experience of public presentation of my project at the Google Developers Group DevFest. Also made and conducted an online workshop consisting of several webinars teaching the testing automation in Ruby.

ACHIEVEMENTS

I participated in mathematics and physics Olympiads -- that's why I love difficult tasks and have a competitive interest. Competitive programming became my hobby after I took the 2nd place in the town stage of the ICPC (International Collegiate Programming Contest).

In the "Mail.ru Russian AI Cup" contest finished in top-200, being the best rubyist, winning a t-shirt.

Have a "Legend level in AI" certificate from the Codingame.

Solved >100 problems at Project Euler.

Once my GitHub repo was Trending in the Ruby topic.

Once my gem was tweeted by Matz.

ATTITUDE

I am curious and attentive. That's why I have deeper understanding of things. I also speak English quite well and strive to look for the best answer to any question, asking the best specialists and getting in touch with the software maintainers directly.

I appreciate reliability and accuracy, so I never lie and rarely make mistakes when evaluating a ticket.

When doing choices, I prefer logic over religion, amen. I try to ask "why?" and "for what?" before starting to waste a time, because in my opinion the implementation simplicity is the key to quality, reliability and future refactoring possibilities.

I love helping people. When I am the first one to find the answer, I tend to share it, sometimes I come up with bugfix pull-requests to popular projects on GitHub. Sometimes I report Ruby bugs. I do Russian localization of the site ruby-lang.org in my spare time. Somewhere around 2009 I was an active StackOverflow member while mastering my Ruby. I've contributed to the On-Line Encyclopedia of Integer Sequences (OEIS) and Wikipedia multiple times.

One of my mottos: "If you can't do something well enough, do something else."

"Naki, why do you always try to make this world better?" (c) G.Pilarski

OTHER QUALITIES AND SKILLS

Proactive, multitasking.

I'm often the first to detect risks and problems. I also try to find out their deep reasons.

I like to create new user interfaces that help people study and reorganize their data.

I love to solve problems that are considered unsolvable or that no one yet even thought about. For example, I can make a per-round procedurally generated map for CS:GO. Or calculate which 10 opening book moves you have to learn to improve your chess ELO by hundreds.

Created an interpreter and IDE for my own esoteric programming language.

Sometimes things that I do become popular only after years.

Experience

since 2021

freelance

April 2020 –
September 2020

Alfa-Bank

Moscow, Russia

Was supposed to automate the testing of a new product, but the product hasn't started to exist.

August 2018 –
September 2019

iDWELL

Moscow, Russia

Inherited some legacy from previous automation engineer, refactored almost everything, improved, applied AI in cases where usual DOM selectors suffered from frequent frontend updates or could not be applied at all.

Started DevOps.

Taught the team how to git.

Was giving UX/UI recommendations.

Helped with releases, tasks and English API docs translation when felt like this.

Stack

Ruby, Jenkins, Selenium, RSpec, Git, Sinatra, Docker, JavaScript

October 2015 –
June 2017

Aitarget

Moscow, Russia

The very first responsibility was to write Selenium tests for the main product, but despite the company name, after I joined I later became the one who made the only AI-based project there.

Built the Continuous Integration, an automated acceptance testing stage. Implemented internal services and tools to control and automate CI processes, integrating Jenkins, Gitlab, and Slack. Automated changelog compilation for managers. I took such responsibilities of a development lead as workflow supervision, teaching a young team to use git correctly to avoid merge conflicts, to write unit tests, to use functional and defensive programming practices.

Was the only one answering Facebook Marketing API tagged questions at Stack Overflow. Was enthusiastically reviewing the colleagues' code (JS and PHP) -- was discovering bugs and flaws.

Automated invoice processing for accountants via PDF parsing, Google Apps Script and then GMail/Drive REST API.

Invented and implemented a much more handy web-based analog of the Facebook Graph API Explorer. Later, the related CLI tool allowed us to quickly provide our customers with a way to use features of FB Marketing Partnership that were yet in Beta.

Invented and implemented an advertisement premoderation system using Google Cloud Vision for automated scanning for content that would be more likely banned by FB. Prediction accuracy was 98% (human accuracy -- 60-70%). Made slides <https://drive.google.com/file/d/0B3BLwu7Vb2U-SVhKY...> about that project and presented it at the Siberia Google Developers Group DevFest 2016 -- the only technical presentation of the company by that time.

Because the management had no will to help me, I had to deploy most of it on my own and separately at the Google Cloud Platform that resulted in getting the cloud experience via building the backups, monitoring and error alerting.

Stack

Ruby, Jenkins, Sinatra, RSpec, Selenium, Git, Google Cloud Platform

October 2014 –
April 2015

Improve Media

Moscow, Russia

Maintained some Rails unit tests. Introduced automated Selenium testing. Integrated Jenkins, GitLab, and Slack

Was fixing and improving the performance of the used color palette extraction gem.

Stack

Ruby, Jenkins, RSpec, Selenium, Git

August 2014 –
October 2014

InSAT

Moscow, Russia

Started web interface testing automation of the MasterPLC.

Stack

Ruby, Selenium

April 2013 –
May 2014

Yandex

Moscow, Russia

Automated the functional testing of the Yandex Browser -- AFAIK, the first automated desktop software testing in the company.

Was the one designing and implementing the testing libraries (and test reports, very similar to Yandex Allure) using Selenium WebDriver and Accessibility API interfaces on Windows and MacOS.

Stack

Python, Ruby, Jenkins, Selenium, Sinatra, SVN

Education

2004 – 2006

Sebastopol National Technical University

Information Systems

Learned about algorithms and programming languages for modern computers, that then helped me to learn the rest by myself.