



# ALEX REMBISH

IT manager / Senior team leader / Python professional

## CONTACT

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 [rembish.org](http://rembish.org)

## EDUCATION

### Bachelor of Applied Mathematics and Informatics

Novosibirsk State Technical  
University

Novosibirsk, Russia | 2002 - 2008

## SKILLS

- Python expert
- Containerization
- Decreasing legacy code
- Code standardization
- Step-by-step refactoring
- Agile development
- Mentoring (up to Lead)
- Team coordination
- Public speaking
- Interviewing

## INTERESTS

### Travel

Drone piloting & aerial photography  
Indoor climbing

## PROFILE

I have more than 16 years of active programming experience including 9 years as a Python expert, 5+ years as a team leader and the last 3 years as the head of backend development.

I'm now looking for a new opportunity with an interesting startup or an older project with a rich history and complex issues that need to be solved. Feel free to contact me if you're interested in a technical leader, an architect or a Python evangelist.

CZ/EU citizen

## EXPERIENCE

### HEAD OF DEVELOPMENT

Shoptet, a.s. | Prague | Oct 2021 - PRESENT

Managing 4 teams (20 programmers and tech leaders). Setting up better agile processes, improving relations with the Operations and QA departments, coordinating better product roadmap's planning.

- Changes to be explained
- Problems are to be solved, not to be hidden
- Simpler hiring process

### SOFTWARE ARCHITECT

Shoptet, a.s. | Prague | Jan 2021 - Sep 2021

Starting a new project with the external team of programmers. Setting up a complete project environment including automation, basic cloud infrastructure (dev side), and general support.

- Continuous Integration and delivery
- Kubernetes manifests
- Metrics and logging

### HEAD OF DEVELOPMENT

Seznam.cz a.s. @ Sklik.cz | Prague | Feb 2019 - Dec 2020

Managing up to 18 teams (75 programmers and tech leaders) in 5 different locations in the Czech Republic. Coordinating technological roadmap and consulting product development estimates. Decreasing technical debt.

- Transparent development, building product vs dev relations
- Problems are to be solved, not to be hidden
- Lead technical meetups

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## HARD SKILLS

Python, PHP, C++, Javascript, Bash  
Nginx, uwsgi, async frameworks  
MySQL family databases  
Linux (Debian, Ubuntu, Mint)  
Cassandra, MongoDB, Redis  
Docker, Kubernetes, Helm  
Prometheus, Grafana, Kibana  
Virtualization (kvm, lxc, openvz)  
Debian packaging  
Python packaging  
Coding standards  
Code reviewing

## PUBLIC SPEAKING

### The way of a backend programmer

[Video](#), [slides](#)

### Super() quiz

[Video](#), [slides](#)

### Bytecode manipulations

[Video](#), [slides](#)

## LANGUAGES

Russian | Native  
Czech | Fluent  
English | Professional working proficiency

## LINKS

LinkedIn: [linkedin.com/in/rembish](https://www.linkedin.com/in/rembish)  
Github: [github.com/rembish](https://github.com/rembish)  
CodeSignal: [@rembish](https://www.codesignal.com/@rembish)  
Slides: [slides.com/rembish](https://slides.com/rembish)

## EXPERIENCE (CONTINUED)

### TEAM LEADER

Seznam.cz a.s. @ Sklik.cz | Prague | May 2017 - Jan 2019

Leading two teams (10 programmers) in 2 different locations in the Czech Republic. Primarily responsible for developing and maintaining the [partners' portal](#) at Sklik.cz. Mentoring less experienced colleagues, including senior programmers. Public speaking about Python. Containerization of frontend components and other Python-based services.

- Team grew from 2 to 10 members
- Lead developer on two "first line" web applications at Sklik.cz
- Reduced on-boarding time from 2 days to 15 minutes
- Several core components were switched from a legacy to open-source codebase
- Python 2 to 3 migration
- Stable and well-documented scripts for partners' revenue calculations

### SENIOR PYTHON PROGRAMMER

Seznam.cz a.s. @ Sklik.cz | Prague | Jun 2014 - Apr 2017

As a separated programmer, I worked almost on all Sklik components written in Python: libraries, websites, RPC servers and maintenance scripts.

- Changed own agenda from C++ back to Python to dive deeper and extend knowledge of the language
- Split a monolithic repository for core Sklik.cz websites into three separated websites for partners, advertisers and administrators
- Wrote a microframework (based on Flask) for step-by-step replacement of the old legacy code (based on apache + mod\_python)
- Standardized a bunch of core modules written in Python (not only at Sklik, but for whole Seznam infrastructure)

### C++ PROGRAMMER

Seznam.cz a.s. @ Sklik.cz | Prague | Feb 2013 - May 2014

Working in a smaller team developing servers for context advertisements. Learned how to deal with large repositories and how to work on the same codebase with other programmers: coding standards, reviews, advanced versioning, packaging, project structure.

- Built an internal testing system for RPC servers based on Python's unittest2 module (this system survived for 8 years)
- Worked on the first version of automatic adult content testing for the internal approval system

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## EXPERIENCE (CONTINUED)

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### SENIOR PYTHON PROGRAMMER

Glogster a.s. | Prague | Aug 2011 - Feb 2013

Built an education platform based on Python and Cassandra (old codebase was completely rewritten). Completed OOP solution based on data models. Project cold-start. New features analysis and further implementation.

### PHP PROGRAMMER

Web Design Factory | Prague | Mar 2010 - Jul 2011

High-load MySQL optimization, bottle-neck searching. Old PHP code improvement, implementation of new features. After half a year, new Glogster application architecture and code development. Switched from PHP to Python language.

*Earlier working experience was in Novosibirsk, Russia. Mostly as a C++ and PHP amateur developer.*