CURRICULUM VITAE

Software Engineer / Python Expert / Test Infrastructure

CONTACT

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EDUCATION

BACHELOR OF APPLIED MATHEMATICS AND INFORMATICS

2002 - 2008

Novosibirsk State Technical University, Novosibirsk, Russia

SKILLS

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

HARD SKILLS

Python, JavaScript, Bash
MySQL, Cassandra, MongoDB
Docker, Kubernetes, Helm
GitHub Actions, GitLab CI
Prometheus, Grafana, Kibana
Sentry, Jaeger
Nginx, async frameworks
AI tools (Claude, Augment, ChatGPT)
Test automation
Python packaging

LANGUAGES

Russian | Native
Czech | Fluent
English | Fluent

INTERESTS

Travel
Drone piloting
Aerial photography
Indoor climbing
Cosplay

PROFILE

ALEX REMBISH

Programming since 2005 with deep expertise in Python, including leadership roles spanning team lead to head of development. Currently focused on test infrastructure, Python modernization, and performance testing at enterprise scale.

Passionate about code quality, automation, and solving complex technical challenges. Feel free to contact me for collaboration or consulting opportunities.

CZ/EU citizen

PROFESSIONAL EXPERIENCE

MEMBER OF TECHNICAL STAFF-5

Feb 2023 - Present

Pure Storage | Prague

Part of the devtest team building and maintaining test infrastructure for FlashArray and FlashBlade storage systems. Driving Python modernization efforts across the codebase including migrations, linting standardization, and performance testing frameworks.

- Main contributor to "Workloads as Code" — internal performance testing framework
- Python codebase modernization and linting improvements
- Test infrastructure development for enterprise storage products

HEAD OF DEVELOPMENT

Oct 2021 - Sep 2022

Shoptet, a.s. | Prague

Managed 4 teams (20 programmers and tech leaders). Improved agile processes, strengthened relations with Operations and QA departments, and coordinated product roadmap planning.

- Promoted transparency in technical decisions
- Fostered problem-solving culture over blame avoidance
- Streamlined the hiring process

SOFTWARE ARCHITECT

Jan 2021 - Sep 2021

Shoptet, a.s. | Prague

Started a new project with an external development team. Set up a complete project environment including automation, basic cloud infrastructure (dev side), and ongoing support.

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

HEAD OF DEVELOPMENT

Feb 2019 - Dec 2020

Seznam.cz a.s. @ Sklik.cz | Prague

Managed up to 18 teams (75 programmers and tech leaders) in 5 locations across the Czech Republic. Coordinated technological roadmap and consulted on product development estimates. Reduced technical debt.

- Built transparent product-development relationships
- Integrated technical initiatives into department roadmap
- Cultivated a culture of open problem-solving
- Led technical meetups
- Established metrics and SLA/SLO standards
- Implemented business log streaming

TEAM LEADER

May 2017 - Jan 2019

Seznam.cz a.s. @ Sklik.cz | Prague

Led two teams (10 programmers) in 2 locations across the Czech Republic. Primarily responsible for developing and maintaining the partners' portal at Sklik.cz. Mentored junior colleagues up to Senior level. Gave public talks about Python. Containerized 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 onboarding 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

Jun 2014 - Apr 2017

Seznam.cz a.s. @ Sklik.cz | Prague

As an individual contributor, I worked on almost all Sklik.cz 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 separate 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 core Python modules across Sklik.cz and the broader Seznam infrastructure

C++ PROGRAMMER

Feb 2013 - May 2014

Seznam.cz a.s. @ Sklik.cz | Prague

Worked in a small team developing servers for contextual advertising. Learned how to deal with large repositories and collaborate on shared codebases: coding standards, reviews, advanced versioning, packaging, and 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

SENIOR PYTHON PROGRAMMER

Aug 2011 - Feb 2013

Glogster a.s. | Prague

Built an education platform from scratch using Python and Cassandra, completely rewriting the old codebase. Designed an OOP architecture based on data models. Analyzed and implemented new features.

PHP PROGRAMMER

Mar 2010 - Jul 2011

Web Design Factory s.r.o. | Prague

Optimized high-load MySQL databases and identified performance bottlenecks. Improved legacy PHP code and implemented new features. After six months, led the architecture and development of a new Glogster application. Transitioned from PHP to Python.

C++ PROGRAMMER

May 2005 - Aug 2008

First all-Siberian investment company "ICSI" | Novosibirsk

Developed software for managing customers' stock portfolios and accounts. Maintained legacy applications. Administered intranet systems and provided user support.