

Maksim Smirnov

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[Telegram](#) • [GitHub](#)

Head of Engineering / Principal Software Engineer

Analytical and technically sophisticated Python Developer with over 15 years of experience in designing and developing high-performance web applications. Extensive background in translating complex business requirements into effective solutions to enhance user experience.

Areas of Expertise

- Software Development Lifecycle (SDLC)
- Code Review & Quality Assurance (QA)
- Back-end development
- Continuous Integration/Continuous Deployment (CI/CD)
- Troubleshooting
- Agile / Scrum Methodologies
- Digital Transformation
- Performance Optimisation
- Web Application Development
- Database Design & Management
- Team Building & Leadership
- Project Management

Professional Experience (last 10 years only)

Raiffeisen

2024 – present

Principal Technical Lead

Writing Python and Go code, managing teams with a team maturity model, starmap, heatmap and many DevEx metrics.

Led the development of a credit automation platform with six teams under direct management.

Before:

- Sync architecture, Kubernetes resource utilisation ~15%
- Credit claim decision time is about 3 days

After:

- Event-driven architecture, Kubernetes resource utilisation ~60%
- Credit claim decision time is less than one day.

Yandex

2022-2023

Senior Software Engineer

Python open-source group, has a lot of Yandex-specific tasks in the infrastructure area.

Runity

2022 – 2023

Engineering Manager

Implement yearly, quarterly, and monthly planning strategies to ensure the timely completion of deliverables. Conduct performance reviews and create personalised development plans to nurture individual growth and excellence. Develop and enhance projects using Python and Go languages. Assess system efficiency by performing a comprehensive technical

architecture review. Facilitate seamless collaboration and coordination among various departments. Generate valuable insights for informed decision-making after conducting an in-depth business intelligence review.

- Executed six previously stalled projects successfully, removing obstacles to completion.
- Initiated and facilitated employee training programmes, ensuring the company covered the associated expenses.
- Oversaw the management of six diverse development teams specialising in Python, Go, Perl, and front-end development.
- Demonstrated exceptional leadership skills by effectively reducing employee churn to zero within the group.
- Achieved significant improvement in project estimation accuracy whilst maintaining a variance reduction rate of 10-15%.

Metamap

2022

Engineering Manager

Conducted thorough reviews of system architectures to identify potential areas for improvement. Assessed performance of existing applications and implemented necessary enhancements to optimise overall efficiency. Led successful expansion of projects into new countries whilst ensuring seamless integration and effective implementation.

- Reduced size of code database by 50% by redesigning core architecture of software system.
- Developed Python applications to meet client requirements and improve overall functionality of software.
- Achieved significant reduction in release time from multiple days to just a few hours by streamlining release process through implementation of new flow.

EPAM

2018 – 2021

Lead Software Developer

Led execution of information system development projects for pharmaceutical companies. Provided mentorship to junior developers and conducted technical interviews to evaluate potential candidates. Implemented development processes in accordance with EPAM quality standards. Ensured project success by prioritising complex tasks and creating action plans in alignment with technical requirements. Conducted code refactoring to improve quality and efficiency of codebase.

- Spearheaded development and effective management of development teams of 8-9 professionals.
- Established and led Python Competence Centre, devising a comprehensive curriculum and delivering lectures and hands-on sessions to class of students.
- Directed recruitment process as resource manager, as well as implemented guidelines for technical interviews with Python developers, and expanded applicant pool from 15 to 80 individuals.

Aglaya

2014 – 2018

Lead Software Developer

Facilitated communication with customers, engaging in insightful discussions regarding project requirements, and coordinating cohesive work plans. Developed core functionality, laying foundation for enhanced system performance. Implemented a streamlined development process to optimise efficiency. Crafted innovative project architectures and selected advanced technologies.

- Built and trained a team of ten professionals, ensuring seamless collaboration and fostering a productive work environment.
- Led the creation of cutting-edge information systems for diverse clientele whilst overseeing the entire development process with hands-on approach.

Education

[Bachelor in Information Security](#)

ITMO University, Saint Petersburg, 2020

Certifications

[AWS Certified Solutions Architect](#)

IELTS 7.5

Technical Proficiencies

Python | Go | PostgreSQL | AWS | Docker | Kubernetes | Git | Django | FastAPI | LiteStar | Redis

Languages

Russian – Native | English – Fluent | German - Beginner