



# Serghei Iakovlev

SOFTWARE ARCHITECT · TECHNICAL MANAGER

Kyiv, Ukraine

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*"Be the change that you want to see in the world."*

## Profile

High efficient and self-motivated Full Stack Software Engineer who enjoys finding elegant solutions to non-trivial problems. Focused on the goal and driven by visual sophistication and laser-sharp precision, I take pride in every finished project, and never stop learning along the way.

Specialties: Solving IT problems and getting things done, quickly and efficiently. I can view the larger picture, analyze the situation, and devise and implement a strategy to achieve the desired outcome.

I am proficient in C/C++, Python, PHP, SQL, Linux, Docker, Nginx. My first commercial project was in 1999 using Delphi. I'm interested in developing big projects using Python now.

## Education

### Russian New University (RosNOU)

B.S. IN APPLIED INFORMATICS IN ECONOMICS

Moscow, Russia

Sep. 2004 - Jun. 2008

## Skills

<b>Team Work</b>	Leadership, Problem Solving, Team Management, Expectations Management
<b>DevOps</b>	AWS, Docker, Kubernetes, Vagrant, Packer, Jenkins, TeamCity, GitHub Actions
<b>Back-end</b>	Django, Flask, Symfony, Laravel, Phalcon, Elasticsearch, REST API
<b>Front-end</b>	HTML5, CSS, LESS, SASS
<b>APM</b>	Newrelic, Grafana, Kibana, Jaeger
<b>Databases</b>	MySQL, SQLite, Redis
<b>Programming</b>	Python, PHP, C/C++, Go, Kotlin, Haskell, SQL, XML, Lisp, LaTeX
<b>Languages</b>	Russian, English, Ukrainian

## Employment History

### airSlate

R&D TEAM LEAD, TECH MANAGER

Kyiv, Ukraine

Aug. 2021 - Dec. 2021

- Researching the impact of services design on user experience and product performance.
- Development of load tests using Scala and Gatling.
- Setting up periodic runs of load tests using Jenkins, monitoring and analytics of product performance using InfluxDB, Prometheus and Grafana.
- Development of experimental CI/CD tools, research in the field of new technologies.
- Product public API design.
- Product technical management.
- R&D Team leadership.
- Internal reports and meetups.

### airSlate

SOFTWARE ARCHITECT

Kyiv, Ukraine

Jan. 2020 - Aug. 2021

- Design of new features and internal products on field of workflow automation.
- New features review and approvals.
- Built and deployed overall service infrastructure utilizing Docker container, GitHub Actions, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- I have been management many tech leads.
- Internal reports and meetups.

## PDFfiller

*Kyiv, Ukraine*

SENIOR SOFTWARE ENGINEER

*Now. 2015 - Jan. 2020*

- Support PDFfiller.com and create new features and internal products.
- Implemented backend services and tools using C++, C, PHP, MySQL, DynamoDB, Elasticsearch, RabbitMQ.
- Product Dockerization, build service discovery using Consul, working with AWS stack, CI/CD design and implementation.
- Code review and interviews of new employees.
- Design and implementation monitoring and alerting tools based on ELK stack, InfluxDB, Slack and Grafana.
- Implemented internal Distributed File System (WebDAV like).
- Implemented a mass mailing service with analytics and statistics (Mailgun like).
- Implemented internal Chanos Engineering service to test the company's products and services.
- Internal reports and meetups.

## Genesis

*Kyiv, Ukraine*

SENIOR SOFTWARE ENGINEER

*Sep. 2014 - Nov. 2015*

- Implemented a mass mailing service with analytics and statistics (Mailgun like).
- Implemented backend services and tools using PHP, C, XLST, MySQL.
- Internal reports and meetups.

## Self-Employment

*WWW*

FULL STACK SOFTWARE ENGINEER

*Feb. 2009 - Aug. 2014*

- I have done freelance work and been self-employed for 5 years here.
- Implemented projects for the National Association of Power Engineers of Russia, various businesses, E-Shops and freight carriers.
- Moderation Drupal Framework forum community and help newbies.
- Used stack: Linux, Apache, MySQL, PHP and JavaScript.

## Art. Lebedev Studio

*Moscow, Russia*

SOFTWARE ENGINEER

*Jan. 2008 - Dec. 2008*

- Development new features for existing clients of the company.
- Used stack: PHP, XML, MySQL.