

# Aleksei Kish



## Senior Software Engineer

**Phone** +34654464652

**Date of birth** 29.01.1994

**Email** [mysterylines@gmail.com](mailto:mysterylines@gmail.com)

**Links** [LinkedIn](#), [Instagram](#)

## 01 PROFILE

Skilled software engineer with a deep understanding of testing and debugging processes. I possess skills in designing and maintaining software systems. Capable of working both independently and in a team.

## 02 EMPLOYMENT HISTORY

12/2018 — Present

### Senior Software Engineer / Technical Owner at Semrush

*Barcelona*

The Marketing Research Department, which creates services for SEO, content marketing, competitor analysis, PPC, and social media marketing.

- Developed all team's products from scratch without legacy.
- Replaced traditional k8s scripts by Helm to speed up and simplify service development.
- Implemented a request rate limiting model, increasing the product's audience by 2 times.
- Formalized the in-team Go code style, reducing code review time by 4 times.
- Optimized the domain selection algorithm, increasing user activity by 60%.
- Identified and resolved a critical payment issue in one of the products.
- Trained three junior developers to the level of mid-level in six months.
- Led in CTF competitions and drove for security in the team.
- Ranked in the top three in the internal Hackathon.

02/2017 — 12/2018

### Senior Software Engineer at Apptica

*Saint-Petersburg*

A mobile analytics tool that provides advertising analytics, ASO, and market analytics in one place.

- Integrated modules for new advertising networks, increasing the volume of collected information.
- Developed a library for automatically selecting the most suitable proxy server from four available, improving data collection stability.
- Added a data collection mechanism for iOS applications, including automation of iPhone pool management, reverse engineering of the App Store API, and the creation of a proxy service for traffic monitoring.

- Analyzed and modified the App Store and Play Market APIs to collect extended information about applications.

- Transferred data collection from servers to mobile devices, achieving significant resource savings and performance improvement.

Tech stack: Golang, Redis, PostgreSQL, ClickHouse (OLAP), ELK, Prometheus, Telegraf, Influx, Grafana.

10/2015 — 01/2017

## Software Engineer at Mobiumapps

*Saint-Petersburg*

Mobiumapps is a service that allows users to create their own mobile applications with just a few clicks on the website.

- Rewrote the API for mobile applications from C# and MSSQL to PHP and MySQL. Reduced expenses by abandoning expensive solutions and ensured ease of maintenance by using a more popular technology stack.

- Created a service for automating application builds, providing quick customization and delivery of results to the user.

- Automated the process of building and publishing applications, reducing the workload on managers and speeding up the release of new versions.

- Took responsibility for monitoring product availability, ensuring the stability and reliability of the service.

- Implemented the concept of "infrastructure as code" using Ansible, making infrastructure management more transparent and systematic.

- Transformed the general management wishes into clear technical tasks, organizing the work process of the development team.

Tech stack: PHP 5.6, Symfony 3, Zend Framework 2, MySQL, memcache.

## 03 SKILLS

Golang

Git

Postgresql

CI/CD

Docker

Terraform

Kubernetes

Ansible

GCP

gRPC

Bash

REST

Linux

jsonRPC

## 04 COURSES

Jan 2019 — Jan 2019

**Agile/Scrum at SEMrush internal courses**

Apr 2021 — Apr 2021

**Certified Agile Team Facilitator at ScrumTrek**

## 05 REFERENCES

**References available upon request**