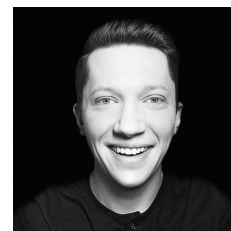


# Sergei Kolesnikov

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Date of birth: 8<sup>th</sup> November 1994  
Languages: Russian (*native*), English (*B1*)



## Summary

I'm a software engineer from Moscow, Russia. I develop web applications and services. I started my career as a backend developer, but then focused on frontend development because I'm passionate about creating user interfaces. I am a follower of the UNIX philosophy: I prefer to create simple things and add complexity only where it is necessary. I learn quickly, care about detail, and love computer science.

## Experience

**Mar 2024– Present** [VK.com](#), Moscow, Russia  
*Software Engineer*  
*Technologies:* JavaScript/TypeScript, React

**Oct 2022– Mar 2024** AnyCut, Moscow, Russia  
*Senior Software Engineer*  
Launched an online service for calculating laser cutting costs.

- Designed and developed a client SPA, embeddable widget, and UI component library;
- Gathered and analyzed business requirements, participated in system design and code review.

*Technologies:* JavaScript/TypeScript, Vue 3, Pinia

**Feb 2019– Oct 2022** [Ingram Micro Cloud \(CloudBlue\)](#), Moscow, Russia  
*Software Engineer* → *Senior Software Engineer*  
Designed, planned and developed features for [CloudBlue Connect](#), a SaaS platform for the distribution of cloud services.

- Led the frontend development of notification, branding, and validation services. Introduced a highly customizable email notification system as a part of the notification service and implemented automatic testing of email templates;
- Implemented core components of the UI library, stabilised and speeded up end-to-end test runs, and contributed to other parts of the product;
- Wrote guidelines for frontend developers, onboarded newcomers, and reviewed code.

### Miscellaneous

- Gave a talk at the “MSK Vue.js” meetup on “[Functional programming with Vue and Vuex. Strengths. The most effective application points](#)” (*in Russian*)
- Wrote an article “[Organization of generic modules in Vuex](#)” for the corporate blog (*in Russian*)

*Technologies:* JavaScript, Vue 2, Vuex, WebSockets

**Nov 2017– Feb 2019** [Tendertech](#), Moscow, Russia  
*Software Engineer*  
Designed and developed an internal CRM system for the bank guarantee issuing service.

- Designed and implemented core parts of the CRM system, integrated with email services;
- Designed and implemented an email storage and processing module that significantly improved system performance;
- Participated in backend and frontend code reviews. Led the development of the CRM frontend.

*Technologies:* Go, PHP, Slim, MySQL, PostgreSQL; JavaScript, React, Redux

## Teaching Experience

**Feb 2021–** [MIREA — Russian Technological University](#), Moscow, Russia

**Jun 2021** *Ph.D. Student (teaching practice)*

Led laboratory classes for undergraduate students on “*Software Application Development Technologies*”: taught them how to work with Docker, Docker Compose, and Ansible.

**Sep 2019–** [MIREA — Russian Technological University](#), Moscow, Russia

**Jun 2020** *Teaching Assistant*

Led practical and laboratory classes for undergraduate students, and prepared materials and assignments for the classes and exams.

— *Object-Oriented Programming*. Teaching the basics of Java and OOP.

— *Software Development Technologies*. Teaching collaborative SPA development in JavaScript + React, unit testing, and applying CI/CD practices using GitHub Actions integration as an example (testing and deploying the application to Heroku).

## Education

**2019–2023** [MIREA — Russian Technological University](#)

Lecturer/Researcher qualification

**2017–2019** [MIREA — Russian Technological University](#)

Master of Science in Computer Science, *with honours*

**2013–2017** [MIREA — Russian Technological University](#)

Bachelor of Science in Computer Science

## Projects

- [kolesnikov.se](#). Personal website with a blog and photos inspired by 90s web design
- [Material SVG](#). Automatically updated Material Design icon set available as an NPM package
- [RunCat](#). A GNOME Shell extension that shows CPU usage by the cat’s running speed
- [twtxt](#). A CLI client for twtxt: decentralized, minimalist microblogging service for hackers

Contributed to various open source projects, such as: [Browserslist](#), [Nano Spy](#), [Vue 3 Gettext](#), [twtxt](#), [organize](#) and [Functional PHP](#).

## Technical Skills

- **Programming Languages:** JavaScript/TypeScript — main languages, also write in Go, Python, PHP and C
- **Web Development:** HTML, CSS (SASS, PostCSS), Vue and React frameworks
- **DBMS:** MySQL/MariaDB, PostgreSQL, SQLite, Redis
- **Tools:** UNIX-like OS (Linux/BDS/macOS), Git,  $\LaTeX$ , make, Vite, Webpack, Podman/Docker

## Hobbies

Programming, photography, gadgets and travel.

## References

Available upon request.