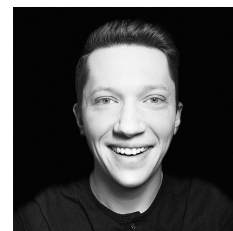


Sergei Kolesnikov

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Date of birth: 8th 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– [VK.com](#), Moscow, Russia

Present *Software Engineer*

Technologies: JavaScript/TypeScript, React; PHP/KPHP

Oct 2022– AnyCut, Moscow, Russia

Mar 2024 *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– [Ingram Micro Cloud \(CloudBlue\)](#), Moscow, Russia

Oct 2022 *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– [Tendertech](#), Moscow, Russia

Feb 2019 *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.