

# Ivan Malov

Full Stack Developer. Expert in Front-end, Back-end, Design Systems, and Quality Assurance.

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## Summary

Full stack developer with a robust expertise in front-end technologies, excelling in creating scalable web infrastructure and employs an extensive range of testing methods, including unit, e2e, and integration, to ensure the delivery of superior quality outputs. Demonstrates exceptional proficiency in Vanilla JavaScript, Vue.js, ReactJS, and TypeScript, backed by a strong grasp of back-end technologies, including Node.js and Go. Holds expertise in design systems, having created several that enhance both aesthetics and functionality in various projects. Committed to relentless performance optimization, delivering an unparalleled user experience, and upholding the highest standards of clean coding practices.

## Tech stack and skills

**Programming languages:** TypeScript, JavaScript, Golang, Ruby

**Frameworks:** ReactJS, Vue.js, Svelte, Solid.js, React Native

**Databases:** MongoDB, PostgreSQL

**CSS toolchain:** Emotion, styled-components, PostCSS, CSS Modules

**Language toolchain:** GraphQL, TanStack Query, tRPC, Protocol Buffers

**Testing toolchain:** Playwright, Cypress, Vite, Jest, Pact

**Other:** Storybook, CI/CD, Docker, Amazon Web Services

# Key projects and work experience

## Enter as Senior Front-end Engineer

Berlin, 2023-current

Since February 2022, I'm working at the Enter — climate first start-up from Berlin. I'm responsible for everything on the front end, from and optimization of applications and tests, to architectural decisions.

- **Developed Survey Functionality:** Spearheaded the creation of a user-friendly system for collecting information about users, their house's parameters, and material characteristics. Ensured the process was convenient and efficient for property renovation calculations.
- **Created Internal Application:** Designed a small application for the internal team of consultants—a savings potential calculator. This tool significantly improved accuracy and speed in providing information on potential savings post-renovation.
- **Established Storybook library:** enhancing UI development efficiency and design consistency across projects.
- **Integrated feature toggle tool** for safer deployments, efficient A/B testing, and streamlined quality assurance processes.
- **Optimized application performance**, significantly reducing load times and improving user engagement and SEO.
- **Implemented comprehensive testing**, boosting code quality, reducing bugs, and enhancing maintainability and scalability.

**Key technologies:** Next.js, ReactJS, React Query, TypeScript, Golang, Node.js, Cypress, Jest, Pact, Unleash, Storybook, CI/CD

## **Homeday as Senior Front-end Engineer**

**Berlin, 2021-2023**

From 2021 and until 2023, I've worked at the Homeday — one of the fastest-growing brokerage companies in Germany. We used modern technologies to simplify the process of buying and selling real estate.

**Key technologies:** Vue.js, TypeScript, Ruby on Rails, Cypress, Jest, Storybook, CI/CD

## **Greator as Full-stack developer**

**Cologne, 2020-2021**

In 2020 and 2021 years, I helped to build Germany's leading coaching platform. We developed a mobile app using React Native and Amazon Web Services.

**Key technologies:** ReactJS, React Native, Firebase, TypeScript, Storybook, Terraform, Amazon Web Services

## **B2B Center as Full-stack developer**

**Moscow, 2013-2020**

Under my leadership and direct participation:

- Implemented an incremental build system. Images minify, ES6 babel compile, special SVG fallback sprite generator, and special React bundles by Webpack.
- Developed and implemented Ui-Kit.
- Created maintainable/scalable architecture using MCSS methodology,
- using PostCSS and LESS preprocessor.
- Big system refactoring for JS and LESS workflow.

*In 2019, closely with Lead product designer developed from scratch Design System for B2B Center. In 2020, I developed Master Bid (now currently not available) – the first cloud B2B platform for online tender procurement of goods and services in countries of the BRI region using the B2B Center Design System.*

**Key technologies:** ReactJS, Vue, TypeScript, JavaScript, PHP, Protocol Buffers, tRPC

## Contact and additional resources

<https://imalov.dev/> – my blog where I share my experience in design and software development when I have time.

Also feel free to check out my social media presence below:

<https://dev.to/imalov>

<https://github.com/ivandata/>

<https://stackoverflow.com/story/imalov>

<https://medium.com/@ivanmalove>