

Tyom Semonov

Frontend Developer

Dedicated web developer with 17+ years of expertise in crafting responsive websites and applications tailored for a variety of devices and platforms.


Inherently curious, I continuously seek new learning opportunities and love to experiment. I pride myself on meticulous attention to detail, ensuring code longevity, and optimizing performance across a spectrum of devices. While versatile in my skills, I remain focused and champion data-driven, user-centric, and accessible designs.

Core skills

- JavaScript, TypeScript
- HTML5, CSS, PostCSS
- Node.js, Express
- Webpack, Rollup, Vite, Expo
- React, Preact, Next.js, React Native
- Vue.js, Nuxt.js
- Accessibility
- Git, GitHub
- CircleCI, GitHub Actions

Current interests

- React
- React Native
- Svelte, SvelteKit
- Tailwind CSS, UnoCSS
- Mapbox GL JS

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EXPERIENCE

November 2023 - December 2023 (2 months)

Aviva (via AND Digital)

React Native Developer **CONTRACT**

A short contract to help with the handover of the project to the new team. The project is a React Native app for iOS and Android. The app is used by Aviva customers to manage their insurance policies.

Along with day-to-day support with the handover I helped to upgrade the app to the latest version of React Native and Expo and improved the system of icons management across the app.

Technologies & tools

TypeScript (React Native, Expo, Jest), Microsoft Azure

January 2022 - August 2023 (1 year, 8 months)

Adaptive Financial Consulting

Senior UI Engineer **CONTRACT**

Worked on the launch of the trading mobile app for a financial service provider. The app uses realtime data to provide a cutting edge trading experience. The app is built in TypeScript with React Native and Expo and runs on both iOS and Android with several layers of automation testing.

The app was successfully launched and had a multimillion dollar trading turnover in the first weeks of operation. The team continued to maintain the app, releasing new features.

Technologies & tools

TypeScript (RxJS, React, React Native, Expo, Jest), WebDriver, Appium, Sentry, Tailwind CSS, Git, GitHub, CircleCI, AWS



For brevity, only the last few years are shown here.

See the rest at tyom.semonov.com

April 2021 - December 2021 (9 months)

Flink

Senior Software Engineer **CONTRACT**

Helped to launch the new Flink web shop in Germany and a few other European countries.

Introduced to the team component-centric development with the help of Storybook and data mocking (MSW).

Support the team in continuous development and maintenance of the growing codebase with pairing, architectural discussions and work with backend teams.

Technologies & tools

TypeScript (Vue.js, Nuxt.js, Jest, Storybook, MSW), CSS, PostCSS, Tailwind CSS, Git, GitHub, GitHub Actions, Docker, GCP

November 2019 - April 2021 (1 year, 6 months)

The Economist

Senior Software Engineer **CONTRACT**

Helped to launch the new www.economist.com and maintain during the transition of the project to the new team within the company. Support with pairing, clinics and other forms of knowledge sharing to enable the new team members to effectively contribute and take over to the project.

Worked on performance optimisation, test strategies, tools and utilities (unit, integration and functional testing). Resolved the longstanding issue with unreliable end-to-end tests.

Took many opportunities to improve the codebase and practices. Improved the long term maintenance goals. Helped to establish and champion Git practices which helped with debugging and deployment management.

Integrated third-party services for ads and premium content management based on core business requirements.

Technologies & tools

JavaScript (Next.js, React, Jest, Storybook, WebDriver.io, TestCafe, Node.js), CSS, PostCSS, Git, GitHub, CircleCI, Docker, AWS