

# 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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 [github.com/tyom](https://github.com/tyom)

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## EXPERIENCE

January 2022 - September 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

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April 2021 - December 2021 (8 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



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

See the rest at

**tyom.semonov.com**

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November 2019 - April 2021 (1 year, 5 months)

## **The Economist**

Senior Software Engineer **CONTRACT**

Helped to launch the new [www.economist.com](http://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

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February 2019 - September 2019 (7 months)

## **Schibsted/Adevinta**

Senior Frontend Developer **CONTRACT**

I worked in a team responsible for research and development of features used by online marketplaces around the world for various platforms. Such as suggestions by similarity or personal relevance.

Hired as a sole frontend developer in the team to build a web SDK which used backend services developed by the rest of the group. It needed to provide a customisable UI for the global marketplaces. Following evaluation, the recommendation was to use small Preact library for UI layer. The core business logic available for low level customiations. The SDK contained several packages: core, UI and Web Components.

Tech-agnostic SDK was designed to be used with any stack and distributed in several ways: via a package manager and scripts stored in an S3 bucket (CDN). The SDK was extensively tested and documented to help with implementation and contributions.

### **Technologies & tools**

JavaScript (Preact, Storybook, Jest, TestCafe, Rollup, Node.js, Polka), Web Components, CSS, Sass, Git, GitHub, Travis CI, Docker, AWS