

# Tyom Semonov

## UI Developer

With 20 years of experience as a web developer, I excel in building responsive websites and applications that deliver seamless user experiences across all devices and platforms. More recently with React Native.

My passion for technology drives me to stay ahead of industry trends, constantly learning and applying new skills. I am committed to writing clean, efficient code that ensures both performance and scalability. I prioritize user-centric design and accessibility, creating solutions that meet real-world needs.

My ability to collaborate effectively with cross-functional teams and translate complex requirements into intuitive digital experiences sets me apart in the field.

### Core skills

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

### Current interests

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

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

 [linkedin.com/in/tyoms](https://www.linkedin.com/in/tyoms)

 [tyom.semonov.com](https://tyom.semonov.com)

 [tyom+cv@semonov.com](mailto:tyom+cv@semonov.com)

## EXPERIENCE

October 2024 - present

### tomoro.ai

AI/UI Developer CONTRACT

I built a prototype app and conducted experiments to use AI and realtime audio to help an energy drink company to improve the experience and efficiency delivering their products to the point of sale.

I also built experimental apps to demo various capabilities of realtime audio and AI vision in browser and mobile apps.

#### Technologies & tools

TypeScript, React, React Native, LiveKit, WebSockets, WebRTC, Vercel AI SDK, OpenAI API, Azure OpenAI Realtime Audio SDK

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March 2024 - July 2024 (5 months)

### Treecard

React Native Developer CONTRACT

I joined the team of developers responsible for developing a fully-featured email client mobile app. Leading the development of the colour system and consulting on the development of the app design system, working alongside the design team. I implemented the design token pipeline from Figma into the React Native app while developing the new features and bug fixes for the app.

#### Technologies & tools

TypeScript, React Native, React Query, Jest, Storybook, MSW, Maestro, Sentry, MongoDB Realm, Figma

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November 2023 - December 2023 (2 months)

### Aviva (via AND Digital)

React Native Developer CONTRACT

I helped prepare the handover of the React Native iOS and Android project to the new team. Aviva customers use the app to manage their insurance policies.

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

#### Technologies & tools

TypeScript, React Native, Expo, Jest, Microsoft Azure

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

## Adaptive Financial Consulting

Senior UI Engineer CONTRACT

I worked on the launch of the trading mobile app for a financial service provider. The app uses real-time data to provide a cutting-edge trading experience. The app is built in TypeScript with React Native and Expo and runs on iOS and Android with several layers of automation testing. Collaborated with the design team to build the design system and led the decision on the app's style system.

The app's successful launch and its achievement of a monthly multi-billion dollar trading volume is a testament to its market acceptance and potential, making all stakeholders proud and confident in their investment.

### Technologies & tools

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

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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

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November 2019 - April 2021 (1 year, 6 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 (8 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



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

See the rest at [tyom.semonov.com](http://tyom.semonov.com)