Tyom Semonov

Frontend Developer

A passionate web developer with over 15 years of professional experience in building websites and applications for the Web to be used on various devices. Progressively enhanced and built on web standards with best practices.

Curious and always eager to learn and experiment. With attention to detail, code maintainability and performance under different conditions and range of devices. Cross-skilled but focused and an advocate of data-driven, user-centred and accessible design.

Core skills

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

Current interests

- Functional programming
- Node.js, Microservices
- React
- Vue.js
- Svelte

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EXPERIENCE

January 2022 - present

Adaptive Financial Consulting

Senior UI Engineer `CONTRACT`

Technologies & tools
TypeScript (React, React Native, Expo, RxJS, Jest), WebDriver, Appium, Tailwind CSS, MUI, Git, GitHub, CircleCI, AWS

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 maitenance 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, 5 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

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

March 2018 - December 2018 (9 months)

Simba Sleep

Senior Frontend Developer CONTRACT

I was in a small team building a new shopping experience for a well-known mattress brand for stores in multiple regions.

Helped to maintain the existing e-commerce site providing critical performance improvements which resulted in better customer experience and improved retention. Continually supported junior developers and helped learn and apply best practices in web development with pairing and knowledge sharing sessions. Helped to design and develop tools and processes to improve developers experience and business operation.

Technologies & tools
Shopify, JavaScript (Vue.js, Nuxt.js, Jest, Webpack, Node.js, Express), CSS, PostCSS, Git, GitHub, CircleCI, now.sh, Docker, AWS, Kubernetes

January 2018 - March 2018 (2 months)

Tesco

Senior Developer CONTRACT

I worked in One Account team working on new features of user account management at tesco.com. While supporting the existing software and helping to transition to modern architecture.

Technologies & tools
JavaScript (React, Redux, GraphQL, Jest, Webpack), Sass, Git

For brevity, only the last few years are shown here.
See the rest at tyom.semonov.com