

# Tyom Semonov

## Frontend Developer

A passionate developer with over 15 years of professional experience in building high-traffic complex websites and applications using web standards and best practices for desktops and mobile devices.

Great attention to detail, code maintainability and performance. A keen learner in multiple disciplines. Advocate of data-driven, user-centred, accessible, mobile-first design.

### Core skills

- JavaScript
- Node.js
- Webpack
- Express
- React
- CSS, PostCSS, Sass
- HTML5
- Git, GitHub
- Accessibility
- Photoshop, Illustrator, Sketch

### Current focus

- Functional programming
- Node.js
- React, Redux
- Vue.js



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



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## EXPERIENCE

March 2018 - December 2018 (9 months)

### Simba Sleep

Senior Frontend Developer CONTRACTOR

Worked on building a new shopping experience for multiple stores and languages.

Additionally, supported the existing site and developers with critical performance improvements, especially for mobile devices. Helped junior developers with pairing and knowledge sharing sessions.

Development of tools and processes to support business and developers.

#### Technologies & tools

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

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January 2018 - March 2018 (2 months)

### Tesco

Senior Developer CONTRACTOR

Working in One Account team, responsible for feature development and maintenance of account management on tesco.com.

#### Technologies & tools

JavaScript (React, Redux, GraphQL, Jest, Webpack), Sass, Git

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October 2017 - November 2017 (1 month)

### BCG Digital Ventures

Senior Frontend Engineer CONTRACTOR

Working in a team responsible for building interactive dashboard with collaboration tools for a large cement producer. The project was eventually taken over by the client to be built in-house.

#### Technologies & tools

JavaScript (React, Redux, Jest, Webpack), CSS Modules, Git

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May 2017 - October 2017 (5 months)

## Department for International Trade (DIT)

Senior Frontend Developer CONTRACTOR

Working in a medium-sized team developing a complex CRM application in Node.js with Python backend.

The application was built to support a wide range of browsers (including legacy). The constraints led to interesting innovations to fulfil the user and business needs. Vastly improved development tools and processes.

### Technologies & tools

JavaScript (Node.js, Express, Webpack, Mocha, Nightwatch.js, Nunjucks), Sass, Git

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November 2016 - April 2017 (5 months)

## NHS Digital

Senior Frontend Developer CONTRACTOR

Working in a team on transformation of the NHS.UK. Created and maintained common components library which documents and shows usage of various components that make various NHS.UK online services, such as beta.nhs.uk.

### Technologies & tools

JavaScript (Node.js, Express, Webpack, Gulp, Mocha), Sass, Git, Fractal

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July 2016 - November 2016 (4 months)

## Barclays

Senior Frontend Developer CONTRACTOR

I was working on internal tool for managing risks in agile development of projects within the bank.

Responsible for ensuring that the application was meeting Barclays standards for accessibility and usability. Introduced a number of front-end best practices to the team as the codebase was shared. Optimised and improved maintainability of the front-end code.

### Technologies & tools

JavaScript (AngularJS, Webpack), Unit testing (Jasmine, Karma, Spock), CSS, Less, Git, Jenkins

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December 2015 - June 2016 (6 months)

## BBC

Senior JavaScript Application Developer CONTRACTOR

Working in a small team responsible for launching the BBC Three online service.

Building universal BBC Three components in React and BBC Morph modules in node.js. Using BBC GEL design framework with focus on reusability, unit/acceptance testing, performance and consistent cross-device/browser experience.

Designed and built a number of BBC Three specific features as well as general improvements to performance and organisation of the codebase.

### Technologies & tools

JavaScript (React, Node.js, Express, Gulp, Webpack), Unit testing (Mocha, skin-deep, WebDriver, BrowserStack, Galen Framework), CSS, PostCSS, Git, GitHub, Jenkins

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September 2014 - December 2015 (15 months)

## UK Ministry of Justice

Developer CONTRACTOR

Responsible for front-end development and design of public service to check if one can get legal aid. Continuous development of functional prototypes used in rounds of user-testing to regularly test hypothesis and validate design decisions. Later maintained the call-centre counterpart application written in AngularJS.

Developed component libraries and generated service style guides. Built NPM packages to ease the exchange and development of assets and components across government websites and web applications.

### Technologies & tools

JavaScript (Node.js, AngularJS, Nightwatch.js, PhantomJS, Gulp, Webpack), CSS, Sass, Ruby (Rails, Middleman), Python (Django, Flask, Jinja), Git, GitHub, Jenkins, Graphviz, Google Analytics, Sketch



For brevity only the last few years are shown here.  
See more at [tyom.semonov.com](http://tyom.semonov.com).