

Tatiana Fokina

Accessibility engineer

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Summary

Expert Accessibility Engineer with 5+ years in Web/Frontend Development. Driven to creating user-centered interfaces with accessibility at the core of the development process.

Skilled in essential web technologies, including HTML, CSS, and JavaScript. Showcased expertise in W3C standards and web accessibility specifications such as WAI-ARIA, WCAG, and ATAG. Excelled in manual and automated accessibility testing. Influenced advanced skills in JavaScript frameworks to deliver robust, accessible solutions.

Initiated accessibility actions to transform company development processes, prioritizing user-centric design. Mentored team members on accessibility best practices and promoted a culture of lifelong learning and knowledge exchange.

Keened on web technologies, web accessibility legislation, game accessibility, processes automatization, and UX.

Work experience

Doka Guide

Editor, technical writer, and accessibility engineer

August 2022 – Present, remote

- Coordinated the work on the Accessibility section, established a content plan a content plan, wrote the first articles to cover the essential topics, and launched it within a 3-month timeframe.
- Teamed up with over 70 contributors to develop comprehensive articles on accessibility and other web technologies.
- Authored more than 100 articles on multiple topics, such as accessibility, HTML, and CSS.
- Performed an accessibility audit of the project's website based on WCAG-EM methodology, and evaluated, documented and resolved 29 critical and serious accessibility issues.

JUG Ru Group

Frontend developer

May 2019 – June 2020, Saint Petersburg, Russia

- Conducted accessibility audits on more than 10 conferences sites, identifying and fixing critical accessibility bugs within 5 months.
- Maintained and modernized more than various 10 projects with legacy codebases, improving performance by 20% through the implementation of recommended coding practices and ensuring continued functionality for over 5,000 active users.

- Delivered 4 features for personal users accounts on the ticket platform in collaboration with designers, frontend and backend developers, enhancing user experience and functionality.
- Participated in developing a custom streaming conference platform from concept to launch within a tight 2-month timespan.

Self-employment

Freelance web developer

December 2016 – May 2019, Saint Petersburg, Russia

- Designed and created 7 landing pages and 3 multi-page sites for personal and commercial clients, strengthen their online presence.
- Created 2 custom CRM templates for MODX Revolution, simplified client content management processes.
- Executed automatic testing across 5 client projects, detecting and rectifying bugs and technical issues while enhancing accessibility features to meet WCAG standards.

Education

Saint Petersburg State Institute of Culture

Specialist degree in Integrated Library Systems (ILS)

June 2015, Saint Petersburg, Russia

Skills

Program languages and frameworks. HTML, Pug, CSS, Sass, Stylus, Nunjacks, JavaScript (ECMAScript 6), Angular, Next.js, TypeScript.

Accessibility. WAI-ARIA 1.2, WCAG 2.2, WCAG-EM 1.0, ATAG 2.0, NVDA, JAWS, VoiceOver (desktop and mobile), TalkBack, Narrator, axe DevTools, Wave Evaluation Tool (WAVE), Accessibility Insights, Section 508, EN 301 549, Web Accessibility Directive (WAD), European Accessibility Act (EAA).

Tools and platforms. Git, GitHub, GitLab, 11ty, MODX Revolution, Contentful, Storybook, Gulp, Parcel, Figma.

Other

Certifications and trainings. CPACC (Certified professional in accessibility core competencies,) issued ...

Community experience. Google's Women Techmakers ambassador (WTM), co-host of the podcast "[Inclusive Pineapple](#)," co-organizer of Saint Petersburg [piterra11y_meetup](#) and Doka Guide online meetup.

Publications and talks. Russian translation of [Accessibility Myths](#); a post "[Understanding skip links](#)" on my blog; an article "[What is ARIA live regions](#)" on Doka Guide; a talk "[Accessibility features and where to find them](#)" at the Accessibility Conference.