

Tatiana Fokina

Accessibility engineer

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Summary

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

Demonstrates advanced proficiency in web technologies, including HTML, CSS, and JavaScript, coupled with experience in W3C standards, web accessibility specifications and guidelines (WAI-ARIA, WCAG, ATAG). Excels in manual and automated accessibility testing, leveraging JavaScript frameworks to deliver robust, accessible solutions.

Spearheads accessibility initiatives to transform company development processes, prioritizing user-friendly design while fostering a culture of lifelong learning and knowledge exchange.

Work experience

Doka Guide

Editor, accessibility engineer, contributor

August 2022 – Present, remote

- Directed and launched the Accessibility section within a 3-month timeframe.
- Architected a content plan a content plan, and wrote initial articles covering essential accessibility topics.
- Collaborated with over 70 contributors to develop articles on accessibility and other web technologies.
- Crafted more than 100 articles on topics, such as accessibility, HTML, and CSS.
- Executed a WCAG-EM based accessibility audit, resolving 29 issues on the project's website.
- Delivered accessibility guidance through 1:1 communications and GitHub pull request reviews.

JUG Ru Group

Frontend developer

May 2019 – June 2020, St. Petersburg, Russia

- Led accessibility audits on more than 10 conferences sites, identifying and fixing accessibility bugs within 5 months.
- Maintained 10+ legacy projects, improving performance by 15% and ensuring functionality for 5,000+ users.
- Engineered 4 features for users accounts on the ticket platform in collaboration with designers, frontend and backend developers, enhancing user experience and functionality.
- Co-developed a live streaming conference platform from concept to launch within a 2-month timespan.

Self-employment

Freelance web developer

December 2016 – May 2019, St. Petersburg, Russia

- Conceptualized and implemented 7 landing pages and 3 multi-page sites for clients, strengthening their online presence.
- Developed 3 templates for MODX and Drupal, simplifying client content management processes.
- Conducted automatic testing across 5 client projects, detecting and rectifying bugs and technical issues while enhancing accessibility features to meet WCAG level AA.

Skills

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, Storybook, Gulp, Parcel, Figma.

Education

Saint Petersburg State Institute of Culture

Specialist's degree in Integrated Library Systems (ILS)

June 2015, St. Petersburg, Russia

Certifications and trainings. CPACC (Certified professional in accessibility core competencies), Practical Accessibility course...

Other

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

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