Tatiana Fokina

Expert Accessibility Engineer

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Expert Accessibility Engineer with 5+ years in Web/Frontend Development, specializing in designing intuitive interfaces that prioritize user needs at the fundamental principle in the development process—certified professional in accessibility core competencies (CPACC).

Demonstrates advanced proficiency in web technologies, including HTML, CSS, and JavaScript. Experiences in W3C standards, web accessibility specifications, and guidelines (WAI-ARIA, WCAG, ATAG).

Dedicates to creating inclusive digital experiences enabling equal access for all users. Champions accessibility initiatives to transform company development processes, prioritizing user-centered design while fostering a culture of lifelong learning and knowledge exchange.

Work experience

Doka Guide   August 2022 – Present, remote

Editor, accessibility engineer, contributor.

- Architected a content plan, directed and launched the Accessibility section within a 3-month timeframe.
- 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.
- Collaborated closely with editors, designers, and developers through weekly agile meetings, ensuring alignment on project goals while enhancing communication strategy and contributing to more efficient workflows.

JUG Ru Group   May 2019 – June 2020, St. Petersburg, Russia

Frontend developer.

- Led accessibility audits on 10+ conference sites, identifying and fixing accessibility bugs improved Lighthouse accessibility scores by 48% across all projects.
- Maintained and modernized 10+ legacy projects, improving performance by 15% through the implementation of recommended coding practices and ensuring functionality for 5,000+ users.
- Engineered 4 features for user 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   December 2016 – May 2019, St. Petersburg, Russia

Freelance web developer.

- 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.
- Accomplished automatic testing across 5 client projects, detecting and rectifying bugs and technical issues while enhancing accessibility features to meet WCAG 2.1 level AA.

Skills

Languages and frameworks. HTML, JavaScript (ECMAScript 6), TypeScript, Angular, Next.js, CSS, Sass/SCSS, Stylus, Nunjacks.

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

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

Education

St. Petersburg State Institute of Culture   June 2015, St. Petersburg, Russia

Specialist's degree in Integrated Library Systems (ILS).

Other

Courses and training. Practical Accessibility course.

Community experience. Google's Women Techmakers ambassador (WTM), host <u>Inclusive Pineapple</u> podcast, organizer of <u>pitera11y_meetup</u> and Doka Guide meetup.

Publications and talks. Translation of <u>Accessibility Myths project</u>; post <u>Understanding Skip Links</u> on professional blog; article <u>What Are ARIA Live Regions</u> on Doka Guide; talk <u>Accessibility and Typography</u> at Tbilisi A11y & UX Day.