Tatiana Fokina
Accessibility engineer

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About

I am an experienced Accessibility Engineer with 5+ years in Web/Frontend Development. I am dedicated to creating user-centered interfaces with accessibility at the core of the development process.

Proficient in HTML, CSS, JavaScript (ECMAScript 6), WAI-ARIA 1.2, WCAG 2.2, ATAG 2.0, and accessibility auditing. Skilled in manual and automated testing, with additional experience in TypeScript, Angular, and Next.js.

Driven to enhancing company development processes with a focus on accessibility and user-centric design. Enthusiastic about knowledge sharing, mentoring team members on accessibility best practices, and embracing new insights from colleagues.

Work experience

Doka Guide August 2022 – Present, open source

Editor, technical writer, and accessibility engineer

- Launched the Accessibility section of the project
- Collaborated with over 70 contributors to develop comprehensive accessibility articles
- Authored more than 100 articles on diverse topics, such as accessibility, HTML, and CSS
- Conducted thorough accessibility audits based on WCAG-EM methodology
- Evaluated and resolved 29 critical and major accessibility issues on the project's website.

JUG Ru Group May 2019 – June 2020, Saint Petersburg, Russia

Frontend developer

- Conducted accessibility audits on ten conference websites, identifying and resolving critical accessibility issues to ensure inclusive user experiences
- Successfully maintained and optimized ten diverse projects with legacy codebases, improving performance and ensuring continued functionality
- Developed and implemented new features for user personal accounts on the ticket platform, enhancing user experience and functionality
- Participated in rapidly developing a custom streaming conference platform from concept to launch within a tight 3-month timeframe.

Self-employment December 2016 – May 2019, Saint Petersburg, Russia

Freelance web developer

- Designed and developed landing pages and multi-page websites for personal and commercial clients, enhancing their online presence
- Maintained and refactored legacy codebases in client projects, improving performance, accessibility and extending functionality
- Created custom CRM templates for MODX Revolution, streamlining client content management processes
- Performed testing on websites, identifying and resolving bugs, technical issues, and accessibility barriers.

Skills

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

Accessibility. WAI-ARIA 1.2, WCAG 2, WCAG-EM, ATAG 2.0, Section 508, Web Accessibility Directive (WAD), EN 301 549, European Accessibility Act (EAA), NVDA, JAWS, VoiceOver (desktop and mobile), TalkBack, Narrator, axe DevTools, Wave Evaluation Tool (WAVE), Accessibility Insights.

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

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 pitera11y_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.