

Alexandra Lukinicheva

Senior Frontend Software Engineer with 6+ years of experience building performant, accessible web applications using React, Next.js, and TypeScript. Passionate about turning complex systems into intuitive, responsive user experiences through performance optimization, accessibility, and modern frontend architecture.

EXPERIENCE

Sony Interactive Entertainment, Remote, CA *Software Developer Engineer in Test*

Jan 2026 - present

- Improved accessibility across 12+ PlayStation user experiences during a major platform migration.
- Identified 8 customer-facing issues, including 3 high-priority accessibility defects with European Accessibility Act implications.
- Designed Python/Selenium automation integrated with Jenkins to improve regression coverage and release confidence.
- Developed an AI-assisted proof of concept for accessibility validation workflows.
- Collaborated with software engineers, UX designers, and product managers on platform modernization.

LOCH Technologies, Emeryville, CA *Senior Frontend Developer*

Apr 2023 - Aug 2024

- Built a GPS Canary dashboard with an interactive Mapbox visualization for real-time asset tracking.
- Designed an SDR waterfall visualization using Canvas.js after replacing a D3 implementation that caused browser memory issues.
- Developed an automated Daily Reports dashboard with PDF generation.
- Built Wi-Fi and Cellular dashboards for large-scale network monitoring.
- Collaborated cross-functionally with backend engineers to design database schemas and data structures and ensured seamless UI/UX integration for new features.
- Improved application performance, reliability, and user experience through performance optimization, testing, debugging, and code reviews.

Upstart, San Mateo, CA *Full Stack Software Engineer (Growth)*

Jul 2021 - Apr 2023

- Developed 6 landing pages in React.js and Next.js. Improved Lighthouse performance from ~30→90 (mobile) and ~60→96 (desktop).
- Implemented A/B experiments, SEO, accessibility (WCAG), web performance optimization, and structured data to improve user experience and search visibility.
- Collaborated with cross-functional teams to implement i18next for multi-language support and QA.
- Wrote and maintained tests in Jest, RSpec, Cucumber, and visual testing via Storybook and Chromatic. Performed QA and cross-browser testing.
- Gathered analytical data via Looker, SQL, Eventbus, Datadog, and Sumologic.

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🐙 [GitHub](#)

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🌐 www.alexcheva.com

CORE TECHNOLOGIES

JavaScript (ES6+) • React • TypeScript • Next.js • HTML5 • CSS3 • Storybook • Chromatic • WCAG Accessibility • Node.js • Express • Python • Flask • REST APIs • PostgreSQL • D3.js • Canvas.js • eCharts • Mapbox GL • Jest • Selenium • Jenkins • Git • Docker • Datadog • Looker

INTERESTS

Music • Creative Coding • Three.js • WebGL • Generative Graphics • Gaming

EDUCATION

Techtonica

2020 - 2021

Full Stack Software Engineering
Apprenticeship

Berkeley City College

2014 - 2018

Associate of Arts (A.A.) in Mobile
and Web Design

State Institute of Film and Television

2008 - 2010

Bachelor of Arts (B.A.) in
Interactive Multimedia

LANGUAGES

English, Russian