

# João Aleixo

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## SKILLS

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**Languages:** JavaScript, TypeScript

**Front-End Technologies:** React, React Native, Next.js, HTML5, Twig, CSS, SCSS, CSS3, TailwindCSS, Bootstrap

**Back-End Technologies:** Node.js, Express

**Database:** SQL, - PostgreSQL, - MongoDB, Redis

**Cloud & Devops:** Docker, Vercel, Render, Firebase

**Version Control:** Git, Github, Github Actions

**Other:** Wordpress, Webpack, Vite , Storybook, Playwright, jest/testing-library, CI/CD

## EXPERIENCE

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**Software Developer**, 100Devs, Los Angeles, CA (Remote)

**June 2023 – Present**

- Delivered end-to-end features in React, TypeScript, Node.js and Tailwind, converting product requirements into scalable UI and backend flows for high-traffic applications
- Improved usability and speed for both mobile and desktop users
- Raised mobile performance score from 60% to 90%, making the app significantly faster for users on slower network
- Ensured stability fast response time during heavy peak-hour traffic by caching and optimizing how data was loaded
- Improved stability of real-time features (live updates, streaming) with reconnection strategies and better data handling
- Improved backend speed by reducing unnecessary database work and restructuring queries making responses faster even during high demand
- Reduced production issues by adding automated testing and improving monitoring across key parts of the application (Jest and React Testing Library)
- Implemented resilient WebSocket transport: heartbeat pings, auto-reconnect with exponential backoff, and backpressure handling to prevent drops during spikes.
- Optimized latency by chunking audio frames and batching messages, keeping round-trip times low even on flaky networks.

**Frontend Developer**, Lukids, Kyiv Ukraine

**Feb 2020 – Feb 2023**

- Modernized the company website by moving from older JavaScript code to React, making the system easier to maintain and faster to update
- Improved performance and reliability by building reusable components and ensuring the site works across all major browsers.
- Improved accessibility across key pages by implementing semantic HTML, proper ARIA roles, and keyboard navigation, raising the overall accessibility compliance
- Delivered regular content and design updates, improving workflows efficiency and keeping the site to industry standard

**Frontend Developer**, Teplount, Kyiv Ukraine

**Nov 2018 – Dec 2019**

- Developed interactive landing pages using JavaScript, jQuery, HTML5, CSS3, and Bootstrap, enhancing UX and fluid UI.
- Collaborated with designers to convert visuals into clean fluid functional frontend implementations.
- Implemented UI improvements, animations, layout shifts and critical CSS
- Troubleshoot UI issues and optimized performance across browsers.

**Web Developer**, Freelancer, Kyiv Ukraine

**Jul 2017 – Nov 2018**

- Built a dynamic website for students moving abroad to study using HTML, CSS, and JavaScript (responsive design, form flows, basic CMS-like content)
- Built another business website with a simple admin flow, mobile-friendly layout, and fast load times.
- Built a children's development center website on WordPress with pages for programs, schedules, and contact forms.
- Set up SEO basics for both sites (clean URLs, meta tags, sitemaps, page speed fixes, Google Search Console).

## EDUCATION

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**Nation Aviation University**

**Sept 2013 - Jun 2017**

Bachelor's degree in Computer Science