

# 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**

- Built and shipped Full-stack products and features in React, JavaScript, TypeScript, & Node.js translating designs into responsive UIs with Tailwind
- Optimized performance with lazy loading, code splitting, and image optimization, boosting Lighthouse scores and mobile load times
- Reusable components, styled-component, event sourcing, redux, and redux-saga
- Implemented unit and integration tests with Jest and React Testing Library, improving code reliability and reducing regressions
- 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.

**Software Developer**, Medi-Pulso (Open Source Project) github.com/Sacarima/MEDIPULSO

**Jan 2025 – Present**

- Led Faster doctor signup, reduced onboarding time by 40% building a clear 6-step flow with save/resume and checks
- Reliable uploads, cut upload failures by 90% using Firebase with previews, batched retries, and backoff
- Faster loads as measured by 30% better TTFB by creating a slim public API and trimming payloads
- Reliable caching, smart cache invalidation + background refresh to keep data fresh while staying fast
- Faster decisions as measured by 25% quicker booking flow by pushing instant search results with debounced queries and background refresh.

**Frontend Developer**, Lukids, Kyiv Ukraine

**Feb 2020 – Feb 2023**

- Modernized the company website, transferred key parts of the UI from Vanilla JavaScript to React, resulted in improved performance and maintainability.
- Built reusable React components, optimized the UI, and cross-browser compatibility.
- Delivered regular content and design updates, streamlining workflows and ensuring the site stayed up-to-date with industry standards

**Frontend Developer**, Teploount, 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