

# Joe Webster, Full-Stack Software Engineer

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## Experience

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**Full-Stack Software Engineer**, Kinsome ([www.kinsome.com](http://www.kinsome.com)) - Boston, MA 2024 - Present

- Streamlined onboarding data collection by converting voice input to structured JSON (OpenAI, TypeScript)
- Created the 'Show and Tell' feature, allowing children to capture photos, record audio, and receive AI-driven feedback (OpenAI, TypeScript, React Native, Supabase Edge Functions)
- Increased iOS app sign-up interest by building a multi-page grandparent onboarding flow (Next.js, React)
- Reduced the time required to resolve user issues by automating the forwarding of grandparent sms replies to Kinsome's support team (TypeScript, Supabase Edge Functions, Twilio, Postmark)
- Illuminated user behavior patterns by creating 50+ event-tracking events (Mixpanel, React Native Next.js)
- Mentored 3 interns in debugging, technical strategies, and feature planning

**Open Source Full-Stack Software Engineer**, Mozilla: Firefox - Remote 2024

- Enhanced accessibility for Firefox users by expanding JWPlayer's Picture-in-Picture subtitle support across 16 domains, including popular sites like IMDb, Time, Reuters, and CNBC
- Improved Vimeo Picture-in-Picture functionality by adding WebVTT (web video text tracks) subtitle support

**Creator & Full-Stack Software Engineer**, Otto ([www.otto-etl.com](http://www.otto-etl.com)) - Remote 2023

Otto is an open-source, web-based, and automated ETL (extract, transform, load) pipeline tool

- Enabled users to create, modify, and execute node-based workflows by end-to-end ideating and implementing the user interface (React, React Flow, Material UI)
- Empowered users to diagnose workflow failures and bottlenecks by implementing real-time execution log streaming from the backend to the front-end (server-sent events, JavaScript)
- Increased workflow node capacity from 5 to over 30 by designing a recursive algorithm using JavaScript promises and memoization

**Front-End Developer**, Alignable - Boston, MA 2013 - 2014

- Implemented user-friendly UI using HTML, CSS, JavaScript, and responsive design techniques
- Increased conversions by 15% by converting user onboarding flow from fixed-width to a responsive layout

**Front-End Developer**, GrabCAD - Boston, MA 2012 - 2013

- Delivered pixel-perfect UI by translating mockups into code (HTML, CSS, JavaScript)

## Skills

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JavaScript | TypeScript | Python | Ruby | OpenAI | React | Node | Next.js | PostgreSQL  
HTML/CSS | Tailwind CSS | Zod | React Query | RESTful APIs | HTTP | Jest | Git | Figma

## Education

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**Vanderbilt University** - Bachelor of Arts in Political Science - Nashville, TN

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