ROB BARBER

SENIOR UX ENGINEER

CONTACT

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PROFILE

I am a frontend developer with experience in modern web technologies and backend coding. Having a background in design, I have a high attention to detail and quality. I can bridge the gap between design and engineering.

EXPERIENCE

SENIOR UX ENGINEER
Microsoft | Apr 2005 - Jan 2023

I started Microsoft as a product designer for MSN. Soon after I became a Software Development Engineer (SDE) and technical lead for Bing CoreUX until 2013. For the next seven years I was an engineer for the Bing Design team building interactive prototypes, tools, and dashboards. In 2020 I became a Senior UX Engineer working on news feeds for Edge and Windows 11.

- Developed web components for FAST and FluentUI open-source libraries using Git, Node, and TypeScript.
- Improved performance and maintainability by replacing React components in Edge browser, Windows 11, and Office 365.
- Enhanced accessibility with Aria and custom keyboard navigation for WCAG 2.1.
- Owned Bing Covid tracker's News and Video feed page, built with C#, MVC, React, TypeScript, Redux, Sass, and Azure DevOps.
- Created Figma plugins for redlines and importing Bing content using TypeScript, Bing rest API, and Selenium server.
- Designed a prototyping platform for Bing and Windows using Node, Webpack, React, Redux, Sass, Python, and Electron.
- Designed and built a dashboard in Angular and D3.js that used C# to parse IIS server logs.
- Lead Bing homepage and site-wide page framework teams, delivering full-page videos, news tiles, and server-side CSS preprocessing.
- Owned Bing search features: site-wide styles, speller, auto correct, advanced search, Xbox, and Apple iPad experiences which were developed in C++.

ART DIRECTOR
Cardhaus Games | Sep 2002 - Apr 2005

- Managed all the print and web design in Adobe PhotoShop and Illustrator for Cardhaus Games which included site graphics, flyers, brochures, packaging, and product design.
- Developed a custom CMS in PHP and MySQL for Cardhaus.com and its 3 affiliated sites to aggregate contextual news, content, and automate SEO optimizations.

CERTIFICATIONS

AWS Certified Cloud Practitioner
https://www.credly.com/badges/6854c175-0057-459b-b55a-e8b5e0427a00/

[PCEP-30-02] PCEP – Certified Entry-Level Python Programmer
https://www.credly.com/badges/cbe085fa-4676-480b-a38b-9e6892723edd