

# JOSH STRUVE

Senior Design Engineer

Seattle, WA • [Portfolio](#) • [LinkedIn](#)

## OVERVIEW

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Senior Design Engineer with 25 years of experience specializing in design systems, accessibility, and applied AI.

## SKILLS & TECHNOLOGIES

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- **Front-End Development:** Next.js, React, TypeScript, Three.js (WebGL), shadcn, Tailwind CSS, Bootstrap, .NET MVC, Web Audio API
- **Design Systems:** WCAG 2.2 Accessibility (A11y), Component Architecture, Design Tokens, Figma Design Systems, Brand Guidelines, Motion & 3D Design
- **Tools & Platforms:** Generative AI Workflow, Google Lighthouse, Vercel/Netlify, CI/CD Pipelines, Node.js, Azure, Shopify, Figma/Adobe CC

## PROFESSIONAL EXPERIENCE

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### Senior Front-End Developer

Catalysis • Seattle, WA • 2021-2025

- Led front-end development efforts for multiple Microsoft platforms, including Microsoft Developer, Microsoft Learn and Microsoft Azure.
- Designed and implemented accessibility-first UI systems and reusable component libraries across multiple products.
- Developed generative AI strategies and custom assistants to streamline production workflows for cross-functional design, development, and data teams.

### Director, Product & Interactive Design

Planet Codex • Los Angeles, CA • 2013-2020

- Partnered with clients to define brand identity, digital strategy, and web-based business direction across multiple industries.

- Established visual brand guidelines, design systems, and reusable component libraries while managing functional and non-functional requirements for web and product initiatives.
- Designed and developed marketing websites, React Native applications, and a 3D web application for customizing and purchasing high-end 3D-printed products.

### **Director of Web Development**

Perr&Knight • Los Angeles, CA • 2011-2013

- Oversaw the design and development of web applications used by major U.S. insurance carriers, supporting actuarial, underwriting, and compliance processes.
- Defined functional and non-functional requirements and collaborated with subject-matter experts to digitize and optimize complex workflows.
- Managed vendor relationships, SaaS platform implementations, and digital marketing infrastructure.

## **FEATURED WORK**

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### **Microsoft Developer Home Page**

- Led front-end engineering for the [Microsoft Developer](#) homepage, building a component architecture to ensure design system alignment, accessibility compliance, and performance optimization.

## **VOLUNTEER WORK**

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### **Group Leader & Head Mentor**

PNW Developer Network • Seattle, WA • 2020 - 2023

- Led weekly virtual networking sessions for web developers, mentored junior devs and taught front-end dev and UI design fundamentals.

### **DEI Communications Lead**

Catalysis • Seattle, WA • 2023 - 2025

- Drafted, designed and distributed intra-company communications covering DEI research topics, cultural celebrations and current events.