

Robb Irrgang

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SUMMARY

► Experienced engineering leader and developer with over twenty years of experience in web development, with a focus on user-centric front-end development and design. Skilled in managing agile teams and collaborating with cross-disciplinary teams on user-centric design, scoping, feasibility, and architecture; Extensive experience with modern front-end technologies and complex UI design systems.

EXPERIENCE

► ThreeFlow · Remote

JUL 2018–PRESENT

● Engineering Manager

APR 2024–PRESENT

- Oversee an agile team of 6+ engineers delivering user-centric tools for internal users, insurance brokerages, and insurance carriers, ensuring high usability and scalability.
- Partner with product designers, product owners, and QA engineers to align design feasibility, usability, and quality assurance with user needs.
- Led the UI and API implementation of a document extraction system integrating LLM technology, emphasizing accuracy and usability to streamline workflows while ensuring thoughtful and pragmatic adoption of AI.

● Team Lead

APR 2022–MAR 2024

- Supported cross-functional collaboration and directed front-end development for internal workflows, including both internal (underwriting) user and broker user self-service tools, to enhance efficiency and usability.
- Spearheaded start of a complex multi-app migration to Vue 3, improving platform sustainability and performance while minimizing disruption to users.

● Senior Software Engineer

JUL 2018–APR 2022

- Played a key role as the third engineering hire in establishing the foundational front-end architecture for broker and underwriter Vue.js single-page applications (SPAs).
- Architected and implemented the UI for a custom PDF extraction and annotation tool, enabling internal underwriting users to work more efficiently, and the broker comparison grid, creating a dynamic, spreadsheet-like interface to compare quotes, with custom solutions to support advanced features in legacy browsers.

► Thrilled · Chicago, IL

FEB 2015–MAY 2018

● Co-Founder/Front-end Development Lead

- Co-founded a design & technology studio dedicated to solutions for emerging markets, identifying unmet needs and creating innovative products to address them.
- Led UX and UI design initiatives while managing front-end development using React and Vue.js to deliver seamless, user-centered applications.
- Assumed responsibility for branding, creative direction, and marketing collateral, ensuring cohesive and impactful user experiences across all touchpoints.

► Salesforce · Chicago, IL

FEB 2014–NOV 2014

● Front-end Development Lead, Salesforce XD

- Tasked with establishing a front-end development discipline and best practices within the Experience Design (XD) group to deliver scalable, user-centric UI solutions.
- Advanced front-end capabilities by prototyping and implementing bespoke user interfaces with UX and product teams, aligning design vision with technical feasibility.

► **Razorfish • Chicago, IL** **2012–2014**

● **Senior Presentation Layer Engineer**

- Developed complex responsive design systems for enterprise clients, including State Farm and Caterpillar.
- Contributed to a State Farm governance initiative as part of a cross-functional group, collaborating with designers to define technical standards for accessibility, scalability, and component implementation. Subsequently led the continued technical development of State Farm's design system, delivering fully accessible components aligned with enterprise-wide usability goals.

► **Museum of Contemporary Art • Chicago, IL** **2010–2012**

● **Web Designer & Developer**

- Led creative and technical initiatives to integrate the Museum's branding and functionality across digital platforms, including designing and managing microsites and digital tools to enhance exhibitions, programs, and visitor engagement.
- Built and maintained a remotely managed digital signage system, delivering dynamic lobby content aligned with the Museum's branding and visitor engagement goals.
- Developed a full-stack solution for the Museum's website redesign, enhancing user engagement and accessibility in collaboration with the Director of Design, Publishing, and New Media.

► **Wright • Chicago, IL** **2007–2010**

● **Web Designer & Developer**

- Designed and developed UX, front-end, and back-end systems for Wright's main website, the Wright Now platform, and specialty auction microsites, ensuring visually cohesive and experientially rich solutions aligned with Wright's strong creative direction.
- Built a custom API to synchronize live auction data from a proprietary database to Wright's websites, enabling real-time updates and seamless auction functionality despite technical challenges.
- Developed advanced InDesign scripts to integrate curatorial database updates into catalog designs, streamlining workflows and reducing production time by 40%.

► **Thirst/3ST • Chicago, IL** **2002–2007**

● **Designer & Web Developer**

- Collaborated with AIGA medalist Rick Valicenti on award-winning websites, identity systems, and print materials recognized by the Type Directors Club and AIGA.
- Designed and developed websites, interactive experiences, and custom e-commerce solutions for clients such as Gilbert Paper, Herman Miller and the Lyric Opera of Chicago.
- Contributed to cohesive branding across digital and traditional formats, including work on Orbit, a custom font later exclusively licensed by the NFL.

EDUCATION ► **Fontys University of Applied Sciences • Eindhoven, The Netherlands**

● **Bachelor of Engineering • Industrial Engineering and Management**

- Applied engineering principles and management strategies to optimize technical processes, with a focus on designing and implementing digital systems.