

Jay Zehngebot

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A creative software developer with experience working on complex and heavily-trafficked news sites. Passionate about performance, working processes, reliable instrumentation, and measurable impact. Committed to building healthy cultures with a focus on team morale and egoless improvement. Interested in both the big picture and small details. Believes that 'from the specific springs the universal.'

Experience

ENGINEERING MANAGER - EXPERIMENTATION, DOW JONES – 2022-2023

- Led the design, development, and deployment of software solutions for dozens of concurrent A/B and multivariate tests, optimizing the product experience for millions of users across high-traffic news platforms.
- Established and codified patterns and best practices in experimentation workflows, improving the overall system design, performance, and testing processes.
- Partnered cross-functionally to align experimentation features with long-term technical strategy, collaborating with engineers and non-technical stakeholders.
- Mentored and guided engineers in best practices, fostering a strong engineering culture focused on scalability and maintainability.

SENIOR SOFTWARE ENGINEER, DOW JONES – 2017-2022

- Developed a suite of internal tools used by multiple news platforms, improving product flexibility through dynamic content integration (live market data, social media, analytics).
- Led the migration of key Dow Jones properties, including Barron's, to a React-based platform, enhancing the performance and maintainability of the codebase.
- Implemented multivariate testing tools to optimize user engagement, delivering elegant solutions to complex business requirements.
- Optimized build tools like Webpack and Babel, reducing build times and improving team productivity.

SOFTWARE DEVELOPER, DOW JONES – 2013-2017

- Played a critical role in developing new templates, tools, and features across Dow Jones platforms, including The Wall Street Journal and Barron's.
- Created performant, responsive web applications by collaborating closely with UX teams to deliver high-quality user experiences.
- Contributed to large-scale projects that improved the scalability and performance of major news sites.

T.L. DESIGN ASSOCIATES, RHODE ISLAND – 2010-2012

- Focused on UI/UX production, providing critical input and prototyping interactive wireframes for digital products, including How To Cook Everything and PowerOne Calculator suites.
- Ensured a high standard of quality, balancing design elegance with practicality in delivering interactive experiences.

Education

NYU Interactive Telecommunications Program, New York, NY - MPS, 2013

Rhode Island School of Design, Providence, RI - BFA, 2007

Skills

10+ years of experience in building comprehensive websites. Expertise in HTML, CSS, JS, Node, Express, React, Next.js, MongoDB, New Relic, Optimizely, Docker, various testing frameworks, The Adobe Creative Suite, Adobe Analytics, Git/Github, Terraform, GitHub Actions, AWS.