MIKE STAMM

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WORK HISTORY

2022-PRESENT: **DOWJONES**
Principal Software Engineer

2020-2022: **FREELANCE**
Various clients: New York Times, Cooper Union

2014-2019: **WASHINGTON POST**
Senior UX Developer

2011-2014: **DOWJONES/WSJ**
Lead Design Technologist

2008-2011: **SAPIENT**
Manager, Interactive Development

2005-2008: **CONDÉ NAST**
Front-End Developer

EDUCATION

1996: **MFA, DTVC** (INCOMPLETE)
California Institute of the Arts
Los Angeles, CA

1994: **BA, FILM & COMMUNICATIONS**
McGill University
Montréal, QC, Canada

SKILLS

HTML5/CSS3/JavaScript, UX/interaction design, Front-end architecture, responsive development, VueJS, ReactJS, BabylonJS, ThreeJS, Unity3D

PROJECT HISTORY

DOWJONES

Returning to DowJones after six years, I became the Ad Technology team's UX specialist, designing and developing much-needed overhauls of several interfaces relied upon by AdOps and RevOps.

2022-PRESENT: USER EXPERIENCE DESIGN AND IMPLEMENTATION

- Created and implemented various company-facing applications for DowJones' AdTech team, using **ReactJS**, **NextJS** and in-house **UX/design library** Screentone.

FREELANCE/CONTRACT WORK

Working freelance is an opportunity to explore unconventional and cutting-edge techniques, both as a designer as well as a developer.

2020-2022: FREELANCE WORK

- Developed a navigation controller for AV&C's interactive media installation, using **VueJS**, **Store.js** and **Websockets**.

- Architected a responsive, fast-loading interactive slideshow framework for the New York Times, using **WaypointsJS**.

- Built Cooper Union's 2021 student art gallery, using **VueJS** and the **Vimeo API**.

WASHINGTON POST

During my time at the Post, I contributed to a wide range of projects. Some of my areas of specialization were: optimizing site architecture to reduce load times and improve performance; engineering complex visual designs into interactive, testable prototypes; advocating for modern web standards.

2018-2019: ADVANCED PROTOTYPING

Collaborating across domains within the company, I developed a wide range of tools and proof-of-concept showcases to pave the way for various initiatives. Some of the more interesting examples:

- A standalone **offline reading and audio playback web app**, built to accommodate readers who would prefer to consume the news in audio form.

- A streamlined **subscription checkout system** that uses animated cards to reduce interactive friction and increase the percentage of users who complete the checkout process.

- A **Chrome extension** for the Post that renders a graphical grid of up-to-the-minute headlines.

- A modern overhaul of the Post's **CSS/webfont implementation** that allowed for dramatic reductions in page load times.

2017: PROGRESSIVE WEB APP

Following a successful launch of The Washington Post's AMP articles, we were invited by Google to build a **fully operational PWA** version of the Post's mobile site. Not content to simply build an Android-optimized web app, I developed a parallel caching engine that yielded a similar performance boost on iOS Safari. Our technologies were demoed on the main stage at Google IO that year, and were eventually incorporated into the main Post site.

2014-2015: ARC EDITOR R&D

An ambitious group project, the ARC Editor was a **browser-based writing environment** that allowed the Post's writers and editors to develop and refine articles collaboratively. Built using the Guardian's Ractive.js framework, the tool offered a suite of graphical tools for copy editing, proofreading, and submitting.

DOWJONES/WALL STREET JOURNAL

At WSJ, my efforts were focused on constructing the best possible front-end experience on top of a legacy web application framework, powered by DowJones' mainframe black-box print publishing system.

2013-2014: LEAD DEVELOPMENT WORK

- Standardized **templating upgrades** of Barrons.com and WSJ.de

- iPad market-data **web view UX** prototype

2011-2013: MOBILE DEVELOPMENT WORK

- **Front-end overhaul** of m.wsj.com

- 2013 **CSSConf presentation**: "The Dark Art of Mobile Web"

SAPIENT

2008-2011: WEB DESIGN AND DEVELOPMENT

- **Food.com** relaunch for Scripps

- **Target.com** dynamic shopping cart

- **Factiva** newsreader development

- Junior developer **mentoring**