

Zack Dolin

Associate Technical Director

WORK EXPERIENCE

AKQA, Washington, DC

Associate Technical Director

05/2023 – Present

- Partnered with design to develop / systematize a multi-theme design system, devising a Figma semantic variable structure that unified tokens and components, enabling scalable Figma-to-code integration.
- Co-led a multi-year digital transformation for a national retail vendor, delivering a custom design system, Figma-to-code pipeline, GraphQL middleware, and motion tooling integrated across platforms.
- Advised on guest data unification for a global hospitality brand, architecting an iPaaS-integrated strategy spanning CDP, CMS, EDW, and design system infrastructure.
- Directed the creation of an accessible, token-driven Storybook library using atomic design, adopted by downstream teams via internal npm, formalizing design-to-code implementation standards.

Principal Technologist

08/2018 – 05/2023

- Directed development for a series of flagship product sites by a major gaming entertainment company, involving a custom “scrollytelling” framework using React and ScrollTrigger.
- Led and coordinated client development teams in building a custom AEM integration to seamlessly embed immersive React-based page components.

Senior Creative Developer

10/2008 – 08/2018

- Led and contributed to diverse HTML5 and Flash projects across multiple industries, using technologies such as React, ActionScript, AngularJS, and Greensock to deliver engaging front-end experiences.

HZDG, Washington, DC Metro Area

Lead Flash Developer

03/2005 – 08/2008

- Served as technical team lead on animation-intensive, data-driven Flash websites, CD-ROMs and games, delivering immersive digital experiences for entertainment and real estate clients.

JUXT Interactive, Newport Beach, California

Internship

09/2004 – 03/2005

- Rebuilt and coded the Juxt Interactive website, designing innovative animations and interactive elements to enhance user engagement and showcase the agency's creative capabilities.

Cherryone, Chicago, Illinois

Web Designer & Developer

04/2004 – 09/2004

- Designed and developed web solutions while directly interfacing with clients in a self-managed capacity.

CONTACT

- Frederick, MD
- +1 (301) 910-3825
- hello@zackdolin.com
- <https://www.zackdolin.com/>

SKILLS

Design System Engineering

- Design tokens / theming systems
- Cross-platform UI libraries
- Figma-to-code integration
- Storybook-led development
- Semantic/variant structuring

Frontend Engineering

- TypeScript + React development
- REST & GraphQL integration
- SSR / ISR / Jamstack deploys
- Web performance optimization
- CSS / JS / WebGL animation

Modern Tooling & Workflows

- VS Code, Cursor, Copilot Chat
- Figma Dev Mode & Variables API
- Webpack / Vite / Turbopack
- Postman, GraphQL Playground
- Netlify CI & serverless APIs

Collaboration & Practices

- Agile & cross-functional teams
- TDD / Jest / Playwright testing
- Scalable frontend architecture
- Accessibility (WCAG / ARIA)
- UX handoff & design reviews

EDUCATION

Vancouver Film School

Certificate, Interactive Media
Vancouver, BC — 2003

University of Michigan

Bachelor of Arts
English Language and Literature
Ann Arbor, MI — 1998 - 2002

OTHER

- Contentful Certified Professional
- Former AWS Certified Developer