Andrew Walpole

Principal Web Developer & Engineering Leader

San Diego, CA | Remote Capable | PST/EST Timezones

walpolea@gmail.com | 619.723.8803

Technical Skills

20+ years of Full-Stack Web Engineering
11+ years of Engineering Leadership

Front-End Development: JavaScript, TypeScript, HTML, CSS, Vue, React, Nuxt, Astro, Next.js, Gatsby, Lit, Web Components, SSR, SSG

Back-End Development: Node.js, Deno, RESTful APIs, GraphQL, MySQL, PHP, NoSQL, Headless CMS, Serverless Architectures

DevOps & Cloud: AWS, Azure, Google Cloud, Vercel, Amplify, Cloudflare, Git, GitHub, Bitbucket

Leadership & Management: Talent Management, Strategic Planning, Agile/Lean, Product Management, Design Thinking

Technical Expertise: Application Architecture, Rapid Prototyping, MVP Development, UX Design, Custom Animations, Game Development, 3D Modeling, Figma, XD, Photoshop, Illustrator, Processing

Education

B.S. Web Design & Interactive Media
The Art Institute of California | 2005 – 2008

A.E. Software Engineering
The Oregon Institute of Technology | 2003 – 2005

Professional Summary

I'm a full-stack principal-level web developer and engineering leader with expertise in HTML, CSS, JavaScript, and TypeScript. I excel at building responsive, accessible applications and complex digital architectures. Proficient in both front-end and back-end development, I collaborate effectively with cross-functional teams to deliver high-quality, scalable solutions. My leadership approach emphasizes clear communication, strategic planning, and continuous growth, ensuring that teams stay aligned and productive while meeting business goals.

Career & Professional Experience

Fingerpaint | Director of Web Development

San Diego, CA (Remote) | 2023 - Present

- Led a team of developers in building performant, accessible web applications and websites for the pharmaceutical industry.
- Architected scalable and efficient technical solutions, including an Astro and Vue based website boilerplate, reducing project development time and costs by 25-50%.
- Created and owned company-wide web development standards and best practices, enhancing quality and consistency across all engineering projects, leading to a consistent reduction in post-review QA tickets and bugs.
- Instituted code reviews, technical and operational team goals, weekly 1-on-1 and team meetings, improving individual capabilities, team unity and overall productivity and satisfaction.
- Served as a critical technical and strategic consultant, enhancing collaboration between developers, digital producers, and client teams.

Traina | Director of Web Development

San Diego, CA (Hybrid) | 2020 - 2023

- Directed a team of web developers to deliver award-winning, complex, high-quality, rich-media websites using modern tech stacks, including WordPress, Astro, Nuxt, and React.
- Architected and led digital strategy efforts for clients; advised clients directly on adopting technologies to fit their business goals and budgetary needs.
- Consistently met rigorous timelines and partnered successfully with designers and account managers to prioritize and manage features, timelines and project budgets.
- Key strategic decision maker on the company's leadership team, including leading the transition to agile work processes, increasing project productivity and collaboration.

Jack in the Box inc. | Manager of Experience Design / Lead Web Developer

San Diego, CA | 2009 - 2020

- Led a five-member design and development team to develop user- and business-driven web-applications from concept to launch.
- Architected and led development and design of a custom in-house training platform with Angular, Contentful and Vue, saving over $300k per year over an off-the-shelf solution. Used agile processes to launch and iterate on applications quickly.
- Cut six-figure budget by 25% while exceeding team goals and meeting business needs by turning strategic goals into prioritized, actionable project plans.
- Developed interactive training content and assessment apps and tools to support the needs of restaurant operations and HR.

UCSD Extension / The Art Institute of California, San Diego | Adjunct Professor

San Diego, CA | 2009 - 2019

- Built and taught various HTML5 & CSS, responsive web design, JavaScript, JQuery, mobile programming concepts, business of digital media, and advanced ActionScript 3.0 courses.

Intercasting Corp | Web & Flash Developer

San Diego, CA | 2006 - 2009

i-Safe America, inc. | Data Administrator & Interactive Developer

San Diego, CA | 2005

Napster | Software Engineering Intern

San Diego, CA | 2004

Relevant Links & Recent Work

andrewwalpole.com	velsera.com	terlivaz.com
codepen.io/walpolea	wearetraina.com	factsonhand.com
github.com/walpolea	calicolabs.com	makethehrscount.com
linkedin.com/in/andrewwalpole	decker.com	inomax.com
mfm.rocks	discoveries2021.ucsd.edu	xpoviopro.com

I'm looking for a challenging and meaningful opportunity that leverages all of my talents in engineering, leadership, and strategic thinking.