

Andrew Walpole

Principal Web Developer & Engineering Leader



Technical Skills:

FRONT-END DEV

JavaScript
TypeScript
HTML & CSS
Vue / React / Svelte
Astro / SSG / SSR
Nuxt / Next.js / Vite
Single-Page Apps
Custom Animations

BACK-END / DEVOPS

Node.js / Deno / Serverless
REST / GraphQL / APIs
AWS / Azure / Google Cloud
Wordpress / PHP & MySQL
NoSQL / Headless CMS
git / github / bitbucket
Vercel / Amplify / Cloudflare
Application Architecture

LEADERSHIP

Talent Management
Strategic Planning
Agile / Lean PM
Design Thinking
Rapid Prototyping & MVPs
Product Management
Time / Effort Estimation
Presenting / Consulting

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The Important Skimmable Bits:

I'm a full-stack principal-level web developer:

- I'm an HTML and CSS expert, adept at modern, accessible, responsive front-end layout and best practices.
- I write clean and performant JavaScript and Typescript; from DOM interactions and complex application logic to back-end API endpoints and Node.js scripting.
- Proficient in application architecture and digital strategy, from static or server-rendered websites to complex single-page applications that deal in large sets of content types and relational data models.
- I'm an excellent team collaborator be it project managers, product owners, QA, DevOps, or 3rd-party vendors, I know how to share information in a way that is productive and meaningful.

Not just a manager, I'm a highly skilled and experienced engineering leader:

- I take leadership seriously: high-performing teams emerge from quality leaders who set clear expectations and coherent strategic direction.
- From technical coaching and code reviews to goal planning, critical conversations, and candid feedback, I excel at talent management by helping team members to grow professionally and find meaning and excellence in their work and career.
- I lead teams for the long term; together we avoid burn-out and grow productivity through continuous communication and alignment, setting clear goals and milestones, and promoting work/life balance.

I have a proven track record of success with my strategic planning skills:

- I synthesize strategic insights from business needs and know how to operationalize ideas into action and execution.
- *The details matter!* I promote deep knowledge sharing between the business and the industry to uncover the important details around technologies and operations that can build a competitive edge.
- I am at my best when being challenged with ownership, accountability, and clear strategic goals.

Career & Education:

Director of Web Development
Fingerpaint
2023 - Present

Director of Web Development
Traina (wearetraina.com)
2020 - 2023

Manager, XD & Lead Developer
Jack in the Box inc.
2009 - 2020

Adjunct Professor, Web Development
The Art Institute of CA,
UCSD Extension
2009 - 2019

Web & Flash Developer
Interacting Corp
2006 - 2009

Data Admin & Interactive Developer
i-Safe America, inc.
2005

Software Engineering Intern
Napster
2004

B.S. Web Design & Interactive Media
The Art Institute of California - San Diego
2005-2008

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

Let's talk!

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

walpolea@gmail.com
San Diego, CA
Remote capable
PT/ET hours

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Professional Summary:

Seasoned Engineering Leader and Web Development Expert with 20+ years of experience in steering cross-functional teams towards the creation of industry-leading digital platforms.

Specializing in aligning technological innovation with strategic business goals to *foster environments of success, excellence and growth.*

Expert in full-stack web development with a keen eye for design details, functionality, accessibility and performance, committed to *elevating team productivity and product quality* through agile methodologies and a culture of continuous learning.

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Detailed Work Experience:

FINGERPAINT • DIRECTOR OF WEB DEVELOPMENT • 2023 - PRESENT

- Led a team of five developers, delivering performant, accessible websites and applications for the pharmaceutical industry.
- Critical technical consultant for the MarTech department, fostering collaboration between developers, digital producers, and client teams.
- Key strategic decision maker for company's web development standards and best practices, ensuring consistency and quality across projects.
- Architected technical solutions, ensuring clients' needs were met with efficient and scalable end-products.
- Skillfully estimated project timelines, effort and resources, even amongst ambiguous and limited project details.
- Designed and implemented robust and adaptable technical strategies and processes, positioning our projects for long-term success.

TRAINA • DIRECTOR OF WEB DEVELOPMENT • 2020 - 2023

- Led a five-member web development team to build complex, high-quality, accessible, performant client websites; maintained low-stress, low burn-out.
- Architected and led digital strategy efforts for clients; advised clients directly on adopting technologies to fit their business goals.
- Developed high-performing websites using many modern web stacks including WordPress, Astro, Eleventy, Nuxt, and Next.js.
- 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 of the company's future growth strategy.
- Implemented successful transition to agile work processes, increasing project productivity and collaboration.

JACK IN THE BOX INC. • MANAGER, XD & WEB DEV LEAD • 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 / AICASD • ADJUNCT PROFESSOR, WEB DEV • 2009 - 2019

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