Dylan Wells • Web Developer

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Professional Summary:

Web Developer with 10+ years of experience building web applications and mobile solutions from the ground up. Strong full-stack capabilities spanning React, TypeScript, Node.js, PHP, and database design, with a focus on shipping features that work well and feel good to use. Experienced translating designs into responsive, performant interfaces and integrating APIs across diverse projects. Comfortable working inside or outside frameworks, collaborating with cross-functional teams, and adapting quickly to new technologies. Background includes building everything from custom WordPress sites to React Native apps to VR experiences for clients ranging from small businesses to global corporations.

Technical Skills:

Front-end: TypeScript, React, React Native, Vue.js, Tailwind, SASS, Styled Components, jQuery, D3
Back-end: Node.js, REST API development, GraphQL, PHP/Laravel, SQL databases (PostgreSQL, MySQL),
Tools & Platforms: WordPress, Shopify, AWS, Vercel, Docker, Jest

Design & Multimedia:

Adobe Suite: Photoshop, Illustrator, InDesign, Premiere, AfterEffects
Expertise: Animation, typography, and user interface design

Work Experience:

EarthCam — Upper Saddle River, NJ
Frontend Developer
January 2025 - Present

- Leading development on core functionality of CC9, EarthCam's next-generation camera management system, transitioning dozens of features from Angular to React.
- Resolved hundreds of bug tickets during initial platform stabilization, ensuring smooth transition from legacy CC8 system
- Rebuilt search and filtering system from the ground up, transforming it into a performant, paginated archive with proper data management
- Engineered comprehensive server alert system integrating AI and sensor data to deliver real-time email notifications to clients based on camera-detected events
- Developed multi-file upload system supporting simultaneous uploads and large files (using Resumable.js) across multiple media formats including video, images, CSV, and PDFs
- Built complex VR tour platform featuring interactive map markers and 360-degree panorama integration for virtual photography server tours

Freelance Designer & Developer — Remote
Designer & Developer
April 2024 - January 2025

- Built custom WordPress websites for real estate and small businesses, tailoring themes to meet specific client objectives
- Designed and developed responsive solutions that enhanced user engagement and improved SEO performance

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Work Experience: (cont.)

LION Interactive — Oakland, CA
Senior Interactive Engineer
August 2015 - April 2024

- Led development of 25+ custom WordPress sites and 3 mobile applications, maintaining 6-8 recurring client relationships over an 8-year tenure
- Developed React Native museum app featuring 3D model rendering through WordPress API integration, custom JSON-based animations, and interactive artifact exploration (Asian Art Museum SF - still in production use after 5+ years)
- Created multisite WordPress system managing 6 interconnected sites handling dozens of monthly events and exhibitions, streamlining content management for museum staff (Asian Art Museum SF)
- Built tourism mobile application for City of Pasadena featuring location-based services and interactive city guides
- Engineered bespoke WordPress plugins and REST API integrations, increasing site functionality and client satisfaction
- Architected Node.js web applications with custom CMS solutions for tech startups, vineyards, and global corporations

Notable Projects:

Academy of Art University — *academyart.edu*

- Primary developer for front-end components, integrating academic catalog data via proprietary API
- Designed custom animations to enhance user experience and improve site retention metrics

Asian Art Museum SF — *asianart.org*

- Developed WordPress multisite system managing events, exhibitions, and educational resources across 6 interconnected sites
- Built user-friendly administrative tools for content management, still in active use 5+ years later

About Flipboard — *about.flipboard.com*

- Primary developer for front-end components and custom CMS implementation
- Developed custom blog import tools and implemented hierarchical blog/subblog architecture

Education:

Brooklyn College — *Computer Science* (2012-2014)

The University of the Arts — *Graphic Design* (2008-2011)