Curtis Wirtz | Web Developer

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Summary

I'm a passionate full-stack developer with 6 years of industry experience focusing on team goals. I've been lead developer on projects using Next.js, Node.js, and modern WordPress, placing value on workflow optimization and DRY code. I excel at solving problems within time constraints and adopting new tech, have an eye for detail, strong communication, and a desire to learn.

Skills

Languages: HTML, CSS, Javascript, PHP, Typescript, Bash, Python, SQL
Frameworks and Libraries: Node.js, Next.js, React, Alpine.js, WordPress, Tailwind, GraphQL, 11ty, Jekyll, Django
Tools and Services: Git, Docker, GitHub Actions, Postgres, MongoDB, Vercel, Netlify, Digital Ocean, Cloudinary, AWS, CoPilot

Experience

Murmur Creative | **Full-Stack Developer**   *March 2022 – Oct 2024*

My role emphasized collaboration, full-stack proficiency, language versatility, time estimation, and finding creative solutions.

• Maintained ~30 legacy projects of various builds, including Next.js, 11ty, Shopify, and WooCommerce. As a member of the Agile process team, I incrementally designed and built features for retainer clients, a significant source of income.
• Created a custom WordPress boilerplate repository for the agency. Complete with atomically-structured components that are responsive, WCAG compliant, and a CD/CI pipeline. This increased the build speed of WP projects by 40%.
• Spearheaded the construction of three Next.js projects, on time and on budget, fostering positive client relations.
• Established an internal GitHub 'wiki', documenting setup steps, configurations, maintenance guides, and known issues.
• Led containerizing environments with Docker and DDEV, enabling cooperative debugging and uniform local development.
• Ensured project security with vault-encrypted .env variables, cookie auth JWTs, up-to-date packages, and password managers.

Princeps Tech LLC | **Freelance Web Developer**   *Oct 2018 – Present*

I provide technical consulting, maintenance, and custom web solutions at the intersection of journalism and computation.

• Made a site available in 5 languages by building a custom WordPress plugin that leverages gettext, PHP i18n string labeling, WP text domain, and Poedit. Reaching new audiences abroad increased readership by 75% within 3 months.
• Migrated data from AWS to Heroku and added Redis caching, reducing a client's service costs below the sustainable threshold.
• Developed automated e-mail reports using Jinja2, Django ORM and send_mail to relay data breakdowns for paywall users.
• Columbia University SoJ was ghosted by a developer and left with a function-less blog. Despite having zero experience in their stack, I breathed life into post archives, user profiles, navigation and layout design under *severe* time and budget limitations.

Projects

Trident Seafoods | **Full-stack Developer**   *Next.js, React, GraphQL, Node.js, Azure VM, BrandFolder, Contentful*
• Introduced GraphQL queries to our Next.js stack, eliminating over-fetching, improving building speed, and code re-usability.
• Prototyped all enterprise collections for RDB models and a heirarchical sitemap, converting them into tables and SEO schema.

Sigma Design | **Full-stack Developer**   *Next.js, React, GraphQL, Node.js, Vercel, Digital Ocean, Directus*
• Automated job post refreshing via scheduled JazzHR API data fetches using Directus Flows, eliminating manual maintenance.
• Constructed a Client-Side filter system for JSX components using React hooks, with design-to-code UI and animation accuracy.

Scratch and Peck Feeds | **Lead-developer**   *WooCommerce, WordPress, PHP, Composer, Node.js, DDEV*
• Led the creation of an e-commerce platform using WooCommerce with custom WP Gutenberg blocks for an ideal editor UI.
• Connected 3rd party integrations for payment gateways, order fulfillment, freight shipping, and a customer loyalty program.
• Assembled a robust CD/CI pipeline using Bedrock Trellis and GitHub Actions, with a Slack integration to monitor error logging.
• Pinpointed a PHP bug in a core SaaS plugin, and negotiated a rebate equal to 6 months worth of site costs.

Imperial Yeast | **Lead-developer**   *Next.js, React, Typescript, Jest, GraphQL, Node.js, Vercel, Headless CMS*
• Created several brewing calculators using React, Typescript and Jest to showcase their research on optimal product use.
• Built an interactive map of vendor locations with dynamic Next.js and Leaflet, enabling customers to find products worldwide.

Education

Austin Community College, Mathematics and Chemistry - 3.92 GPA   June 2015 - August 2018
South Puget Sound Community College, Associate of Arts Degree   2009