

Tyler Shingleton

Senior Web Developer

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Skills

Full stack; SaaS; JavaScript / ES6 / TypeScript; ReactJS; Node.js; Next.js; Svelte; Python; PHP; GraphQL; Supabase; AWS; Docker; MongoDB; MySQL; PostgreSQL; Git; Kubernetes; Lighthouse; OAuth; Vercel; Figma; UI/UX design; HTML / CSS; SASS / Tailwind; WordPress; Drupal; Payload; Laravel; Django; Ruby; Salesforce; HubSpot; GCP; S3 CDN; WooCommerce; Stripe; Shopify; Vue.js; Angular; Jest; C; C++; Java; Swift

Headless architecture; AI Integration; Responsive development; REST integration; Accessibility / WCAG; SEO; Security; Data Privacy; Data Visualization; Jira; Kanban; APIs; Front end; Back end; Web design; Adobe XD; Photoshop; Illustrator; Sketch; Excellent verbal communication; Organizational skills; Project management; Critical thinking

Experience

MODERNAUT / Senior Web Application Developer

July 2022 - Present, Portland, ME

- Developing scalable SaaS web/mobile applications using Next.js, TypeScript, Tailwind, and Payload CMS with MongoDB in a GraphQL headless architecture.
- Creating reusable Node.js packages to enhance backend user experience (UX).
- Implementing AI-driven product features through OpenAI integrations.
- Conducting quality assurance using Jest for robust product testing.
- Deploying on Vercel, AWS, and self-hosted Coolify, leveraging S3 storage for scalability and optimized performance.

Page One Web Solutions / Senior Web Developer

February 2020 - September 2024, Portland, ME

- Led full-stack LAMP and CMS projects with HubSpot and WordPress, integrating Stripe and WooCommerce.
- Overhauled a legacy WordPress codebase, maintaining and extending the Pantheon core WP Git upstream with PHP, SASS, ReactJS, Node.js, and TypeScript in Dockerized environments.
- Established and documented SOPs, introduced a comprehensive spec process, and implemented Kanban-driven ticketing to optimize team workflows.
- Collaborated closely with Design/UX on Figma and Adobe XD, authoring a modular design-to-development workflow with custom Gutenberg blocks.
- Developed and maintained headless CMS solutions for modular and scalable applications.
- Trained team members on backend UX and frontend SEO best practices, driving consistent, high-quality results.
- Developed a custom OpenAI plugin for content and design integration within Gutenberg blocks.
- Enhanced performance through S3 storage, optimized CSS/JS aggregation, and streamlined codebases.

Vital Design / Senior Web Developer

September 2016 - February 2020, Portsmouth, NH

- Built enterprise WordPress solutions with custom plugins and Gutenberg blocks, leveraging JavaScript ES6, ReactJS, and SASS with a focus on backend UX.

- Developed and maintained e-commerce solutions using WooCommerce, Stripe, and Authorize.net.
- Led full-stack LAMP development for high-profile Drupal projects, including implementations for Sig Sauer.
- Managed Salesforce integrations, creating and delivering custom email templates for Lindt Chocolate on a weekly basis.
- Maintained Shopify projects, ensuring consistent updates and e-commerce functionality.
- Co-authored SEO and accessibility SOPs, enhancing team workflows for compliant, optimized builds.
- Delivered pixel-perfect attention to detail from Illustrator, Adobe XD, and Sketch designs.
- Facilitated version control and collaboration through Git.

Piehead (now Union Resolute) / Senior Web Application Developer

April 2013 - September 2016, Portsmouth, NH

- Led full-stack LAMP development for notable clients including Roblox, NBC, Showtime, Nickelodeon, Comcast, and Unreal Candy.
- Authored business requirement documents (BRDs), project contracts, technical specs, flowcharts, and established dev/QA processes.
- Created SOPs focused on backend UX and frontend SEO best practices.
- Coordinated with internal and client project managers using Jira, facilitating clear, effective communication.
- Developed reusable, robust Git-based codebases in PHP, SASS, and JavaScript for WordPress, Drupal, and Laravel.
- Contributed to the SaaS development of Oomiji CRM, assisted dev of a custom MVC framework.
- Implemented and maintained CRM solutions in HubSpot and Salesforce.

Primal Media / Partner & Web Developer

January 2009 - April 2013, Portsmouth, NH

- Delivered full-stack LAMP development for high-profile e-commerce clients in Drupal, including Ramblers Way and Luke's Local.
- Adopted early responsive design, SEO, accessibility, and WCAG standards for optimized user experiences.
- Provided design and UX solutions in Adobe Illustrator and Photoshop, supporting a cohesive design-to-development workflow.

Education

Rochester Institute of Technology / BS Computer Science, minor in Psychology (incomplete)

August 2004 - November 2008, Rochester, NY

Dean's list. Key courses: Discrete Mathematics, Biologically Inspired Intelligence Systems, Computer Science 1-4, Cryptography, Data Communications & Networks, Software Engineering, Cognitive Psychology