

DHIREN PATEL Web Solutions Architect & Technical Lead

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ABOUT ME

Web Solutions Architect with **12+ years** engineering enterprise WordPress, WooCommerce, and eCommerce platforms for clients across North America, Canada, UK, Australia, Europe, Asia, and the Middle East. Most recently led Curotec's WordPress and eCommerce delivery at **100K+ user scale** — shipped **2x performance gains**, **99.9% uptime**, and CI/CD pipelines that **cut deployment errors 70%**. Promoted from Fullstack Web Developer to Technical Lead to establish and build out Curotec's WordPress practice — grew the team and defined the core processes, documentation standards, and delivery workflow still in use today, including a maintenance and support program spanning **80–90 active WordPress projects** on tiered plans with a rapid-response protocol for high-severity security disclosures. Full-spectrum block editor expertise: custom Gutenberg blocks and **Full Site Editing** (block themes, theme.json, template parts, Site Editor) delivered across multiple client builds, plus expert-level page builder engineering (Elementor, Divi, Beaver Builder, Bricks, WPBakery).

Certified Advanced Professional WordPress Developer (Automattic), triple-certified by **WP VIP – Architecture, Security & Performance**, and OpenAI Partner certified (**AI Technical, Codex, ChatGPT Deployment, and Sales Practitioner**). Apply AI across the full delivery lifecycle — research, estimation, development, testing, and deployment — via Claude Code, Codex, the OpenAI API, and n8n, currently expanding toward client-facing AI solutions. Active WordPress.org contributor — author of **ShieldScope**, a published security scanner plugin in the official plugin directory.

STRENGTHS & SKILLS

Architecture & Leadership Solutions Architecture, Technical Leadership, Distributed Team Leadership & Management, WordPress Practice/Team Establishment, Project Estimation & Estimation Frameworks, Client Requirement Analysis, Client Stakeholder Communication, Agile/Scrum, Sprint Planning, Onboarding Program Design, Maintenance & Support Program Management, Mentoring (teams of up to 10 developers; grew a WordPress practice from 3 to 30 members).

WordPress & eCommerce Enterprise WordPress, WordPress VIP, VIP-CLI (deployments, cache operations, environment configuration), Headless WordPress, Custom Plugin/Theme Development, Custom Gutenberg Blocks, Full Site Editing (Block Themes, theme.json, Template Parts, Site Editor), Multisite/Subsidiary Network Architecture, Advanced Custom Fields (ACF) — expert-level, Drupal (working knowledge), Page Builders (Elementor, Divi, Beaver Builder, Bricks, WPBakery — custom element development), WooCommerce, Magento, Shopify, B2B Marketplace Implementation, Payment Gateway Integration, Website Migration.

PHP & Engineering Standards Modern PHP (OOP, Composer Autoloading, Dependency Injection, Templating Libraries), PHPUnit, Legacy-to-Modern Refactoring.

Frontend JavaScript, jQuery, HTML5, CSS3 (SASS/LESS), Responsive & Cross-Browser Engineering, React.js, TypeScript, Tailwind CSS, Webflow (basic CMS builds).

GenAI-Assisted Development & Workflow Automation Claude Code, Codex, ChatGPT & OpenAI API, GitHub Copilot, Cursor, Windsurf, Replit, Emergent & Lovable, Prompt Engineering, Workflow Automation (n8n) — applied across research, estimation, development, testing, and deployment.

Security OWASP-Class Vulnerability Remediation, Multi-Layer Authentication, Data Sanitization, Encryption, Security Hardening, WordPress Security Scanning (ShieldScope author), WPScan Security Auditing.

Performance Core Web Vitals Optimization, Caching, Asset Minification, Server-Side Optimization, Load Time Reduction, Google Lighthouse, GTmetrix.

DevOps CI/CD Pipelines (GitHub/Bitbucket, GitHub Actions), Zero-Downtime Migrations, Linux Server Operations, Cloudflare (DNS, Caching Rules, WAF/Security Rules, Page Rules), Hosting Platform Management

(WordPress.com, Pressable, WP VIP, WP Engine, Kinsta, Hostinger, Bluehost, Bigrock, HostGator, Amazon Lightsail), cPanel, Plesk, New Relic (Production Monitoring), SVN, WP-CLI, Composer.

Accessibility WCAG/ARIA, ADA-Compliant Delivery, Accessibility Auditing (Silktide).

Integrations REST API, GraphQL, Third-Party CRMs, Payment Systems, Inventory Management Systems, HubSpot (CMS, Forms, CRM Sync), Email Capture & Newsletter/ESP Integrations (Mailchimp, HubSpot), Complex Content Migrations.

Analytics & Tracking Google Analytics 4, Google Tag Manager, Custom Conversion/Event Tracking, Multi-Channel Ad Attribution (Google, Meta), Conversion Tracking Debugging, Schema Markup / Structured Data Implementation.

Project & Delivery Management Jira, ClickUp, Basecamp, Confluence, Slack.

Design Collaboration Figma, Adobe Photoshop, Adobe XD, Sketch.

Mobile & Internationalization Ionic Hybrid Apps (App Store/Play Store), Internationalization incl. RTL (Arabic).

WORK EXPERIENCE

Technical Lead — Curotec, Philadelphia *SEP 2021 – JUL 2026 • Remote*

- Promoted from Fullstack Web Developer to Technical Lead to establish Curotec's WordPress practice — built and grew the team, and defined the core processes, documentation standards, and delivery workflow still in use today.
- Architected and led delivery of enterprise WordPress and WooCommerce platforms across North America, Canada, UK, Australia, Europe, Asia, and the Middle East clients — managed a distributed engineering team building high-traffic sites (**100K+ users**) with PHP, JavaScript, WooCommerce, and third-party API integrations.
- Owned full project lifecycle end-to-end: client onboarding calls, requirement analysis, estimation, SOW review, architecture/tech-stack decisions, and implementation planning through production deployment and post-launch monitoring.
- Built and ran a maintenance and support program spanning **80–90 active WordPress projects** on tiered plans (monthly, quarterly, semi-annual, annual), including a rapid-response patching protocol for high-severity plugin/core security disclosures. Concurrently managed **5–8 live client WordPress/WooCommerce sites on active build and delivery engagements** — distinct from the maintenance portfolio — covering uptime, security, feature delivery, and performance.
- Advised clients directly during project kickoff on enterprise tech-stack decisions — architecting for scalability, security, and future roadmap needs. Acted as the primary solution provider for client problems and requirements, and served as first responder for urgent production issues across the client portfolio, with a track record of fast diagnosis and resolution.
- Led custom Gutenberg block and **Full Site Editing** builds — block themes, theme.json, template parts, Site Editor — per client requirements; extended client design systems, keeping components aligned with existing UI patterns and tokens.
- Engineered **2x performance**: reduced load times from 5s to 2.5s via caching and CDN optimization while maintaining OWASP Top 10 compliance across advanced WooCommerce platforms.
- Built CI/CD pipelines and led production debugging — cut deployment errors **70%** and sustained **99.9% uptime**; engineered automated test coverage with PHPUnit to catch regressions before production.
- Modernized the team's PHP foundation — Composer-based autoloading, dependency injection, and templating libraries — moving legacy procedural code toward OOP and framework-aligned patterns; built accessibility (WCAG/ARIA) into the development process across client builds.
- Expert-level engineering across major page builders — Elementor, Divi, Beaver Builder, Bricks, WPBakery — including custom widgets, modules, and builder-agnostic components, delivered without compromising performance, security, or ADA accessibility.

- Ran periodic project standups, managed resourcing and timelines across concurrent engagements, and mentored team members on technical questions; standardized development processes company-wide through technical specs, training docs, and estimation frameworks.

Full Stack Web Developer — Curotec, Philadelphia *NOV 2018 – AUG 2021 • Remote*

- Architected and delivered scalable custom WordPress themes, plugins, and REST API integrations for enterprise clients supporting **100K+ monthly visitors** — enabling real-time data synchronization across CRM, payment, and inventory systems.
- Improved Core Web Vitals **35%** — reduced average page load times from 4.2s to 2s across client sites. Built custom WooCommerce solutions with optimized checkout flows — boosted conversion rates **28%**.
- Implemented enterprise-grade security (MFA, data sanitization, encryption) and automated deployments via Git / GitHub Actions — eliminated critical vulnerabilities pre-launch and achieved zero-downtime migrations for sites serving 50K+ daily users.
- Mentored 5+ junior developers through structured code reviews and technical documentation.

Team Lead — Squad Technologies, Ahmedabad *OCT 2016 – DEC 2018 • Onsite*

- Architected “Reva” — a proprietary WordPress framework that cut development time **50%** across **200+ projects** and became the agency’s standard codebase for all new client work.
- Led development of industry-specific theme frameworks with marketing and product teams — increased project intake capacity **40%**; delivered bespoke themes, plugins, and secure REST API integrations for enterprise platforms.
- Managed 10 developers through code reviews and technical workshops — elevated code quality and grew team capability from front-end-only to full-stack. Introduced standardized project estimation framework — improved scoping accuracy **35%** and eliminated pre-sales scope creep.
- Achieved 100% on-time delivery across all critical projects; consistently hit 90+ Lighthouse scores by enforcing Core Web Vitals standards across all client builds.

Senior Web Developer — Squad Technologies, Ahmedabad *DEC 2015 – SEP 2016 • Onsite*

- Delivered end-to-end WordPress solutions across real estate, healthcare, travel, legal, and eCommerce industries — from discovery to deployment — supporting 50K+ monthly visitors.
- Designed scalable multi-location network architectures and tuned performance via advanced caching and asset optimization — boosted Core Web Vitals from 65 to 92 and maintained **99.9% uptime** during peak traffic.
- Built WooCommerce platforms with custom payment gateway integrations — drove **25%** average increase in conversion rates. Connected third-party APIs and CRM/inventory systems with WordPress front-ends — automated workflows and eliminated manual data entry.

Frontend Engineer — Squad Technologies, Ahmedabad *OCT 2013 – NOV 2015 • Onsite*

- Architected a proprietary frontend framework adopted as the company standard — reduced development lifecycles **30%**; built responsive, high-performance SaaS platforms with HTML5, CSS3 (SASS/LESS), and JavaScript with sub-second rendering and cross-browser compatibility.
- Led hybrid mobile development with Ionic, owning the full lifecycle from API integration to App Store and Play Store deployment; implemented RTL Arabic internationalization (i18n) — expanded product reach into the Middle East.

CERTIFICATIONS

- **Advanced Professional WordPress Developer** — 2026 | Automattic
- **WordPress VIP Certification – Architecture and Tooling, Enterprise WordPress Security, & Enterprise WordPress Performance** — 2025 | WordPress VIP
- **OpenAI Partner Certification – AI Technical Practitioner, Codex Practitioner, ChatGPT Deployment Practitioner, & AI Sales Practitioner** — 2026 | OpenAI (Partner Program)

EDUCATION

Bachelor of Engineering (B.E.) — Computer Engineering 2009–2013 | Gujarat Technological University (GTU), Gujarat

NOTABLE PROJECTS

ShieldScope – Site Security Scanner — Open-source WordPress.org plugin (author)

Published in the official WordPress.org plugin directory • 14 scan categories • actively maintained

Authored and published a security auditing plugin performing read-only, resumable scans across 14 categories — core file integrity via official WordPress.org checksums, injection/XSS/SSRF pattern detection, access control testing, SSL/TLS validation, and WPScan vulnerability database integration — with throttled execution capping server load. Sole author and maintainer across four releases.

Stack: PHP, WordPress Plugin API, WordPress.org Checksums API, WPScan API.

Developer Learning Platform — Global enterprise WordPress hosting & services provider

5,000+ active developers • 30K+ monthly pageviews • 2,000+ new signups/month

Built a public-facing developer education platform for one of the largest enterprise WordPress hosting companies in the world, on the client's own VIP infrastructure using their Enterprise Block Builder framework. Integrated Sensei LMS with H5P for interactive courseware and SSO for seamless onboarding across the broader product ecosystem.

Stack: Enterprise Block Builder, WordPress VIP, React, Sensei LMS, SSO, H5P.

High-Traffic Publishing & Commerce Platform — Independent global economic research firm

800K+ daily pageviews • 1.5M+ on event days

Architected a publishing and commerce platform on WP VIP — blog, knowledge center, and storefront for physical goods, digital downloads, and video-on-demand. Built two custom content-protection plugins: per-buyer watermarking via PDFRest and an admin recovery tool, plus a gated event module with TicketSpice verification. Tuned Redis/CDN for ~2x traffic surges, sustaining sub-2s load times with zero leaked content since launch.

Stack: WordPress, WooCommerce, WordPress VIP, Redis, CDN, PDFRest, TicketSpice.

Multi-Channel Commerce Platform — US connected-health IoT startup

Devices + SaaS bundles • multi-billing models • retail-to-online activation • acquired by major pharma

Architected an end-to-end commerce platform for a healthcare IoT startup, with device + SaaS bundles spanning two billing models and a retail-to-online activation flow letting in-store Walmart buyers validate serial numbers via the manufacturer's API and auto-link subscriptions. Integrated 7 services across tax, payments, support, shipping, and marketplaces (Walmart, Amazon, Newegg, Sears); sustained sub-2s loads through the company's acquisition by a major pharma firm.

Stack: WordPress, WooCommerce (Subscriptions, Bundles, Warranty), WP Engine, Avatax, Authorize.net, Zapier, ShippingTree, Helpscout, Freshdesk.

Magento to WooCommerce Migration — NYC subscription print media delivery company

8K+ daily visits • ~240K monthly visits

Migrated a NYC magazine/newspaper delivery company from Magento to WooCommerce, preserving catalogue, accounts, and order history through the cutover without disrupting active subscriptions. Built a custom bulk quote system with day/week/month frequency selection, letting customers configure recurring multi-publication delivery and get instant quotes with no sales involvement. Configured WordPress Multisite and deployed on WP Engine with WooCommerce Quick Checkout.

Stack: WordPress Multisite, WooCommerce, WooCommerce Quick Checkout, Elementor, WP Engine, Constant Contact.