

PROFESSIONAL SUMMARY

core php 8+ • custom plugins • theme architecture • core web vitals 99+

Results-driven **WordPress Developer, Custom Plugin Architect, and Theme Engineer** with deep expertise in core PHP 8+, MySQL, WordPress Internals, and modern web architectures. Proven track record architecting, engineering, and launching **33+ commercial websites**, building bespoke object-oriented plugins (custom post types, REST API endpoints, custom database tables, payment/CRM gateways), and developing custom theme files (**functions.php**, template hierarchy, Gutenberg block themes, FSE, and child themes). Dedicated to strict WordPress Coding Standards (WPCS), bulletproof nonce security, and achieving **sub-second load times with 99+ Core Web Vitals**.

TECHNICAL SKILLS & WORDPRESS CORE COMPETENCIES

WordPress Core & APIs: Custom Plugin Architecture, Hooks (**add_action**, **add_filter**), WP REST API, Settings API, Options API, Transients, Shortcodes, Cron (**wp_schedule_event**).

Backend & Database: PHP 8+ (OOP, Namespaces, MVC Patterns), MySQL, Custom Tables (**\$wpdb** API, Prepared Statements), Redis / Memcached Object Caching, Data Normalization.

Frontend & CMS Builders: JavaScript (ES6+), React, TypeScript, Next.js (Headless WP), Tailwind CSS, Gutenberg Block Editor / FSE (**theme.json**), Elementor Pro Custom Addons SDK, HTML5/CSS3.

Theme File Engineering: Template Hierarchy (**functions.php**, **header.php**, **single.php**, **archive.php**, **page.php**), Template Parts (**get_template_part**), Child Themes, Script/Style Enqueuing (**wp_enqueue_script**).

Security & Standards: WordPress Coding Standards (WPCS), Nonce Verification (**wp_verify_nonce**), Data Sanitization & Escaping (**sanitize_text_field**, **wp_kses**, **esc_html**), CSRF & XSS Prevention.

Speed, SEO & DevOps: Core Web Vitals Optimization (LCP < 1.2s, 0 CLS), Schema.org JSON-LD Structured Data, Git, GitHub, WP-CLI, Composer, npm, Playwright, Chrome DevTools, Vercel Edge.

PROFESSIONAL EXPERIENCE

Lead WordPress Developer & Custom Plugin Architect

2024 – Present

Commercial Web Engineering • Client Delivery Practice • Vizianagaram, India (Global Remote)

- Architected, developed, and deployed **33+ commercial WordPress websites and custom web applications** for competitive service industries across the US, UK, Canada, Australia, and India.
- Engineered **custom WordPress plugins from scratch** utilizing object-oriented PHP 8+, custom post types (CPTs), custom taxonomies, AJAX endpoints, and custom database tables via **\$wpdb** prepared queries.
- Developed **bespoke custom themes and lightweight child themes** from clean codebases; configured template hierarchies, modular template parts (**get_template_part**), dynamic asset enqueue pipelines, and custom Gutenberg blocks via React.
- Built conversion-critical features including emergency click-to-call bars, dynamic quote cost estimators, multi-step booking funnels, and third-party API integrations (WhatsApp Business API, Google Maps, CRM webhooks).
- Enforced enterprise-grade security practices: comprehensive nonce validation (**wp_verify_nonce**), strict input sanitization, data escaping, and privilege checks (**current_user_can**).
- Optimized client web infrastructure achieving **99+ Google PageSpeed scores, sub-second LCP (<1.1s), zero Cumulative Layout Shift (CLS)**, and complete Schema.org JSON-LD rich snippets.

Frontend & Headless Web Developer

2023 – Present

Open-Source & Full-Stack Applications

- Built full-stack React, Next.js 16, TypeScript, and Tailwind CSS applications integrating RESTful endpoints and decoupled WordPress backends.
- Solved **100+ Data Structures & Algorithms challenges** on LeetCode (**Manikanta3010**), demonstrating strong algorithmic optimization and problem-solving rigor.

KEY WORDPRESS PLUGINS & THEME ARCHITECTURE PROJECTS

Smart Key Locksmith KC • smartkeylocksmithkc.com
Theme & Plugin Architecture: Custom child theme with sticky 1-touch emergency dial bar, dynamic service area locator, AJAX quote dispatch, and zero render-blocking styles.

Element Garage Door Repair • elementgaragedoorrepair.net
Custom Extension: Interactive garage door style visualizer and diagnostic cost estimator plugin with automated email routing, schema markup, and 98+ mobile PageSpeed.

Ishika Mini Transport • ishikaminitransport.in
Commercial Fleet Engine: Custom logistics booking widget with vehicle payload comparisons (Tata Ace, Bolero), flat-rate calculation logic, and direct WhatsApp dispatch.

Vihari Packers & Movers • viharipackersandmovers.com
Relocation Calculator Plugin: Custom multi-step household shifting inventory selector, distance price algorithm, automated customer confirmation SMS, and LocalBusiness SEO schema.

EDUCATION & ACADEMIC CREDENTIALS

Bachelor of Science (B.Sc.) in Computer Science (8.64 CGPA) — Maharajah's Autonomous College, Vizianagaram	2023 – 2026
Intermediate (MPC - Mathematics, Physics, Chemistry) — Sri Meedha Junior College	2020 – 2023
Secondary School Certificate (Class X) (10.0 CGPA) — Kaspas High School	2020