

DENIS BOSIRE

Senior WordPress Engineer • PHP / JavaScript • Plugin & Gutenberg Developer

Nairobi, Kenya • denischweya@gmail.com • +254 706 618 874

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SUMMARY

Senior WordPress engineer with 12+ years building production systems in **PHP and JavaScript**. Published WordPress.org plugin author and active contributor to the open-source WordPress ecosystem — including a backup/migration plugin with WP-CLI commands, a REST API, AES-256-encrypted cloud storage, and chunked processing for large sites. Delivered 100+ engagements through Toptal across **WordPress core, WooCommerce (including the Store API and Blocks Cart/Checkout), Gutenberg block development, and headless architectures**. Comfortable owning the full stack of a WordPress problem — hooks and filters, custom REST endpoints, performance tuning, Core Web Vitals, MySQL optimisation, and React-driven editor experiences. A decade of fully distributed, async remote work with clients across the US, UK, and Europe.

OPEN SOURCE — WORDPRESS.ORG

Swish Migrate and Backup — wordpress.org/plugins/swish-migrate-and-backup

- Full-site backup and migration plugin for WordPress (GPL). Author and maintainer; recent release v1.1.9.
- WP-CLI command suite (wp swish backup, wp swish import, wp swish status, wp swish cleanup) for headless server use.
- Full REST API for programmatic backup/restore; cloud storage adapters for Amazon S3, Dropbox, and Google Drive with AES-256-CBC encrypted credentials.
- Engineered for scale: chunked file and database processing, adaptive batch sizing for WP Engine / Kinsta / Flywheel hosts, dynamic time budgets using server max_execution_time, race-condition-safe queue processing, and resumable downloads via X-Sendfile / X-Accel-Redirect.

Remote Jobs — wordpress.org/plugins/remote-jobs

- Job board plugin built around four custom **Gutenberg blocks** (Job List, Job Sidebar, Submit Job, Company Registration). Author and maintainer.
- Custom post type, AJAX-powered filtering, and a Gutenberg-native editing experience — no page-builder dependency.

CORE EXPERTISE

Languages: PHP (12+ yrs), JavaScript / ES6+, TypeScript, HTML5, CSS3, SQL

WordPress: Custom plugin & theme development, Gutenberg blocks (React), WP REST API, WP-CLI, hooks/filters, multisite, Genesis Framework, performance & caching

WooCommerce: Store API, WooCommerce Blocks (Cart/Checkout), custom checkout flows, payment gateway integrations (Stripe, Square), subscriptions, LearnDash + WooCommerce

Front-End: React, Next.js, Tailwind, accessible & responsive UI, Figma-to-code, Core Web Vitals

Back-End & Data: REST API design, MySQL, PostgreSQL, MongoDB, Node.js, Express

Workflow: Git, peer code review, CI/CD, automated testing, async / distributed collaboration

EXPERIENCE

Senior Software Engineer — Eastern Standard (Philadelphia, PA — Remote) *Dec 2024 – Nov 2025*

- Delivered WordPress and headless WordPress builds for high-profile US clients including **WXPN (NPR-affiliated public radio)** and **Cooper Health**.
- Built custom plugins, themes, and Gutenberg blocks; integrated React front ends with WordPress back ends via the REST API for decoupled architectures.
- Translated Figma designs into accessible, responsive, performance-tuned implementations with a focus on Core Web Vitals.

- Strengthened deployment pipelines with automated testing and CI, reducing release risk on client platforms.

Senior WordPress Engineer (Contractor) — Toptal *Apr 2020 – Jan 2024*

- Vetted Toptal contractor — delivered **100+ engagements** for clients worldwide, the majority WordPress and WooCommerce builds.

Selected engagements:

WooCommerce Plugin Developer — *WooCommerce Blocks integration*

- Extended a commercial WooCommerce plugin to support the new **WooCommerce Blocks Cart and Checkout** — the same product surface area Automattic ships. Implemented gift-card calculation logic and ensured compatibility across the Block-based and classic checkout experiences.

Senior WordPress Architect — *Genesis Framework, Core Web Vitals*

- Modernised a satellite-communications trade publication on the Genesis Framework. Built a Master Child Theme plus a secondary digital-magazine child theme, implemented true dark mode via CSS custom properties, migrated to WP Engine, and conducted a full Core Web Vitals and schema-markup audit.

WordPress Developer — *Digital Agency, Gutenberg + Genesis + Tailwind*

- Built bespoke Gutenberg blocks and Genesis-based themes on WP Engine for an agency that explicitly rejects page builders. Wrote clean, maintainable, performance-optimised PHP and JavaScript with npm build pipelines for CSS/JS.

WooCommerce Expert — *Rapidly scaling membership site (LearnDash + WooCommerce)*

- Long-term performance and stability work on a high-traffic membership platform combining WooCommerce with LearnDash. Diagnosed bottlenecks, deployed updates, and supported the backend API consumed by the client's mobile app.

WordPress Developer — *Stability & performance remediation*

- Diagnosed and resolved stability, performance, and payment-processing issues on a WooCommerce certification-courses site; advised on architectural direction before any visual redesign work.

Senior Full-Stack Developer — Pixel Tribe Interactive *Jan 2016 – Dec 2018*

- Built custom WordPress themes and plugins, several published on wp.org under GPL.
- Delivered 50+ responsive websites and web applications for direct clients and partner agencies.
- Led business development; owned tech support, maintenance, upgrades, and DevOps across the client portfolio.

WordPress Developer — MKDO (Remote) *Dec 2019 – Apr 2020*

- Converted designs into responsive WordPress sites for UK agency clients; built custom Gutenberg blocks.

Senior Developer — Incentro (Nairobi / Remote) *Jan 2019 – Nov 2019*

- Built enterprise WordPress sites and plugins for **Coop Supermarkets, Gillette, and a Renewable Energy Co.** Led a delivery team of four developers and a scrum master; owned code review.

Software Developer — Fortis IT Ltd (Kenya) *Apr 2013 – Dec 2015*

- Developed and managed web applications for clients across multiple sectors; led most projects end-to-end.

Web Designer / Developer — Agency Africa (Kenya) *Feb 2012 – Mar 2013*

- First technical hire — owned all code-related work. Built sites for hospitality industry clients.

Front-End Developer (Intern) — Magpie Creative Agency (Leeds, UK) *Apr 2011 – Nov 2011*

- First professional role; production WordPress experience in a creative-agency environment.

EDUCATION

BSc, Pharmacology — University of Leeds, UK (2008 – 2011)