PROJECT CASE STUDY / OCTOBER 10, 2026

AI WordPress SEO Automation | AIOSEO & Background Jobs

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Operational PHP/Python workflow

Workflow and contribution

Built a PHP/Python workflow for WordPress SEO metadata: normalized title matching, AI output validation, deterministic repair, AIOSEO updates and per-item background-job results. Later recovery work added supervised restart, boot recovery and separate interface/API checks, with 12 scoped recovery criteria passing. Newer headline/article features were deployed; their paid end-to-end test still needs a usable WordPress test target.

Implementation and delivery boundaries

A protected operator interface queues WordPress metadata work through a PHP/Python runtime. Title normalization, industry and location constraints, deterministic repair and per-item results govern AIOSEO updates. September recovery work added supervised restart and boot recovery, separate frontend/API health checks and fault-injection verification. Twelve scoped recovery criteria passed in the retained record. Later headline, quality and article features were deployed, but their paid end-to-end generation test still needs a usable WordPress test target. The historical n8n implementation is separate from the current runtime.

Tools

Flask, WordPress, Async jobs

Evidence

September 4 recovery records · October 10 public case study

This case study separates recorded verification from unfinished integrations and planned work. Historical checks describe their recorded release; they do not establish present service health, clinical acceptance, compliance certification or commercial capacity.