

Zachary Adam

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SUMMARY

Full-stack developer and independent researcher. Builds open-source tools spanning React/Next.js web applications, Python/Django backends, and custom WordPress plugin development, including a WordPress plugin published and live on the official WordPress.org directory. Publishes original research on software engineering and open-source architecture.

EXPERIENCE

Web Developer & Technical Support Specialist

Fearless Fixing LLC — July 2023 to August 2026

- Worked directly with the founder and co-founder providing ongoing technical support for existing clients.
- Built and maintained a local web application used internally to manage loans, taxes, rent, and insurance.
- Diagnosed and resolved technical issues across client-facing systems and internal tooling.

WordPress Developer & Client Manager

Aethex Web Solutions — 2022 to 2023

- Managed client relationships and project requirements for a small WordPress development business.
- Delivered custom WordPress websites and development projects from planning through launch.

Freelance Web Developer

Self-employed — 2020 to 2022

- Delivered web development projects for a range of freelance clients over two years.

PROJECTS

ARGUS — Map-first geopolitical intelligence platform for tracking events, grading source reliability, and producing sourced briefs. Open source. (React, Next.js, Python) [[Site](#) · [GitHub](#)]

WJM (Wisdom Journal Manager) — WordPress plugin for scholarly journals covering submissions, peer review, ORCID, and DOI registration. Published on the WordPress.org plugin directory. (PHP, WordPress) [[WordPress.org](#) · [Site](#) · [GitHub](#)]

Shama Writer — Local-first research writing application: source management, argument mapping, citations, and in-browser Typst PDF compilation. (React, WebAssembly) [[Site](#) · [GitHub](#)]

FrameScope — Web application that scores user-generated text for ideological bias using a multi-model ensemble. Open source. (React, Python) [[GitHub](#)]

SKILLS

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Python, Django, PHP

WordPress: Custom plugin development, theme development, WordPress.org plugin submission and review process

Backend & Data: Node.js, Supabase, REST APIs, SQL

Tools & Practices: Git, GitHub, technical support and troubleshooting, client management

PUBLICATIONS

- AI-Assisted Development and the Reshaping of Junior Developer Roles — April 2026 [[SSRN](#)]
- The State of Remote Software Engineering, 2020–2026 — April 2026 [[SSRN](#)]
- WJM: A Modular WordPress Architecture for Scalable Academic Publishing Infrastructure — April 2026 [[SSRN](#)]

EDUCATION

M.Sc., Information Systems — Nova Southeastern University, Davie, Florida