

Thomas Hunkapiller

Software Engineer · dev tools & agent systems
Springfield, MO · open to remote · full-time and contract

furycodes.com
github.com/devvoidfury
1.417.522.9629

Programming Languages, Libraries and Frameworks

TypeScript, Bun/Nodejs, React, Websockets, SQL, Python, Bash, Docker, Kubernetes, AWS, local LLM stacks (llama.cpp, llama-swap)

Open-source Contributions

04/26-present hotdog · agent harness · github.com/devvoidfury/hotdog

Zero-dependency, TypeScript on Bun. Streaming tool-calling runtime with provenance-tracked context, wire-boundary prompt-injection defenses, multi-provider protocols. ~4,000 tests, 97% coverage. Built primarily by agents under authored rule-sets, including a Rust predecessor that rewrote itself into JS across three days.

58 merged PRs across 18 projects over 14 years

Top-five contributor to mozilla/nunjucks; Arabic/bidi paste fix for ckeditor4; TypeScript tightening for v7 and improved standards compliance for docx format in dolanmiu/docx; etherpad security fixes and improved express 4 framework support.

Work History

01/23-02/26 Vault Innovation · senior web engineer

Nginx, PHP, Laravel, Javascript, React, SQL, Docker, k8s, Bash, AWS

- * Independently identified stakeholder needs, pitched and implemented solutions.
- * Performed extensive infra upgrades, eventually managing all company k8s/aws infra.
- * Modernized application and core software dependencies several major versions.
- * Cut build artifacts size 80%, reducing load on CI/CD and improving deploy time.
- * Reduced runtime of test suite by more than 60% while improving coverage.

11/20-02/22 FutureFeed (Continuous Compliance LLC) · software engineer

Nginx, TypeScript, Docxjs, React, SQL, Ruby, Rails, Docker, Bash

- * Redesigned SPA architecture to overcome performance issues affecting feature dev.
- * Client-side JS generation of DOCX exports for security compliance assessment and inventory tooling for defense contractors (related to CMMC/NIST 800-171)

07/19-11/20 Mobomo · software engineer

Javascript, React, SQL, Nodejs, PHP, Nginx, Drupal, Docker, Bash

- * Feature development on news platform with over 300M weekly users for USAGM/VOA/MBN
- * Designed and implemented internet-facing application server with isomorphic React SSR to sit in front of microservices for multi-tenant multi-org whitelabel.

04/14-07/19 Independent software developer & sysadmin

JS, Electron, Python, Django, PHP, Laravel, SQL, Nginx, Nodejs, Wordpress, Bash

- * Hosted, updated, and maintained approx. 200 websites with 25M hits/month.

12/11-04/14 Mostly Serious · software developer

Apache, Nginx, Javascript, Angular, Nodejs, Ruby, Sinatra, SQL, Cordova, Bash

- * Built a crowdsourcing platform funding local charities which raised over \$3M.