

Tommy Fetterleigh

Full-Stack Developer & Infrastructure Engineer

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tommyscode.dev

SUMMARY

Full-stack developer and infrastructure engineer with 8+ years building and running a 100+ module enterprise platform. Owns infrastructure, networking, and security end to end and builds across the application alongside the dev team. Currently leading a ground-up rebuild on Laravel and Kubernetes with a security-forward, GitOps approach — and AI in the loop.

EXPERIENCE

Moss Bros. Auto Group — Full-Stack Developer & Infrastructure Engineer

2018 – Present

- Operate the entire stack beneath the application — servers, networking, firewalls, TLS, backups, disaster recovery, and monitoring — for a 100+ module platform.
- Architecting and shipping a greenfield GitOps platform on managed Kubernetes: Terraform-provisioned HA clusters, an Argo CD app-of-apps delivering a hardened default-deny addon stack, and a supply-chain trust chain that builds, scans, cosign-signs, and enforces signatures at admission with Kyverno.
- Designed and shipped a Redis-backed OIDC token-lifecycle layer that resolved a production authentication loop; threat-modeled and hardened the full path (single-flight refresh, JWKS cache-stampede throttle).
- Built an advertised-price compliance guardrail (VIN-based price checks, point-in-time snapshots, weekly exception reporting) with production hardening — scrape-timeout budgets and a synchronous-to-async save-path refactor.
- Automated idempotent SFTP-to-database import pipelines; built `srvctl`, a Rust fleet-administration CLI; and stood up a central LiteLLM gateway for API keys, team access, and usage auditing.

SELECTED PROJECTS

gitops-platform Terraform · Argo CD · Cilium · Kyverno + cosign · KEDA · Infisical

Greenfield GitOps platform on Kubernetes, built end to end with a signed, default-deny addon stack.

auth-hardening PHP · Keycloak / OIDC · Redis · JWT / JWKS

Redis-backed OIDC token-lifecycle layer that fixed a production auth loop and hardened the whole path.

price-guardrail PHP · Eloquent · Guzzle · JSON-LD

Deal-desk guardrail blocking contract prices above a vehicle's live advertised price, with audit snapshots.

srvctl Rust · Linux · iptables / ipset · Fail2ban

Rust CLI that centralizes fleet ops — firewall, Fail2ban, backups, disk monitoring — into one tool.

ai-gateway LiteLLM · Anthropic / OpenAI · Docker · DigitalOcean

Central LiteLLM gateway: one home for the dev team's API keys, access, and usage audit trail.

data-import SFTP · Gearman · PHP · MySQL / MariaDB

Idempotent SFTP-to-database pipeline for large vendor files, safe to re-run without duplicates.

SKILLS

Languages: PHP, JavaScript, Python, Rust, SQL, Bash

Backend: Laravel, Octane, Livewire, Filament, Keycloak, Gearman

Platform & IaC: Kubernetes, Argo CD, Helm, Kustomize, Cilium, KEDA, Terraform, Ansible, Docker, GitHub Actions, GitOps

Security: Kyverno + cosign, Infisical, Tailscale, default-deny NetworkPolicy, SSO / LDAP

Observability: Prometheus / Grafana, Loki, Tempo, OpenTelemetry, Sentry, standby-DB DR

Data, AI & Testing: PostgreSQL + pgvector, MySQL / MariaDB, Valkey / Redis, LiteLLM, Claude Code, PHPUnit / Pest, PHPStan, Pint, TDD