

Cade Schlaefli

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GitLab: gitlab.com/cslaf

PROFESSIONAL SUMMARY

Software Developer and Platform Engineer with extensive experience in Kubernetes, GitOps automation, legacy application modernization, and dev/ops alignment. Proven track record of delivering resilient hybrid-cloud containerized deployments, building custom developer tooling, and driving foundational platform standardization across complex enterprise environments.

TECHNICAL SKILLS

Languages & Frameworks: Go, Rust, TypeScript, C#, Python, JavaScript, Svelte, .NET, ASP.NET

Infrastructure & DevOps: Kubernetes (Baremetal & OpenShift, ARM/x86_64), ArgoCD, FluxCD, GitOps, Ansible, OpenTofu, Docker, Podman, OpenTelemetry, CI/CD, S3

Tools & Protocols: gRPC, Language Server Protocol (LSP), REST APIs, RabbitMQ, PostgreSQL, SQL, Git, TFS

EXPERIENCE

Mouser Electronics

Mansfield, TX

Lead Developer (Platform Team)

Mid 2025 – Present

- Drive enterprise platform standardization efforts across legacy applications and new service architectures.
- Laying the architectural foundation for OpenTelemetry integration across legacy monolith extractions and modern services to establish system-wide observability.
- Spearheading the ongoing migration and unification of disparate authentication implementations across internal projects into shared, enterprise-standard libraries.
- Troubleshoot, diagnose, and resolve critical production issues across distributed environments.

Developer III

Mid 2024 – Mid 2025

- Recognized as a **Top Performer** for implementing and coordinating the go-live of a Python RESTful API microservice wrapping an internal NuGet package.
- Successfully achieved the organization's first containerized deployment running simultaneously across on-premises and cloud environments with automated cloud-to-on-premise failover.
- Built and maintained reusable GitOps CI/CD pipelines using ArgoCD for application deployments to hybrid OpenShift clusters.
- Bridged operational gaps between development and infrastructure teams to streamline deployment workflows.

Developer II

2023 – Mid 2024

- Developed a custom TypeScript Language Server Protocol (LSP) for an internal variant of BASIC to modernize developer tooling and code diagnostics.
- Effective troubleshooting and feature delivery across an extensive, decoupled ecosystem of legacy monolith extractions.
- Fostered cross-functional collaboration between Dev, QA, and Ops teams, notably coordinating the migration of legacy SSO infrastructure from virtual machines to OpenShift.

Micro Mainframe Inc

Fort Worth, TX

Software Developer

Mar 2020 – May 2023

- Developed and supported new feature implementations on an ASP.NET web application managing aviation fuel trading logistics.
- Clarified complex stakeholder requirements, resolved edge-case application bugs, and optimized SEO reporting for client websites.

PROJECTS & PERSONAL WORK

Baremetal Kubernetes Cluster

- Maintain a self-hosted baremetal, mixed-architecture cluster (ARM / x86_64) running diverse containerized workloads, including vLLM for local AI model inference.
- Managed via an Infrastructure-as-Code (IaC) repository ([flux-system](#)) utilizing FluxCD for GitOps resource management, Ansible for automated cluster upgrades, and OpenTofu to manage cloud reverse proxies and DNS for securely routing public traffic back to home network.

GitLab CI/CD Pipeline Components

gitlab.com/gitops-tools/gitops-components

- Authored reusable GitLab CI/CD components to automate semantic versioning and build multi-architecture container images for baremetal Kubernetes deployments.

Stable Diffusion (Learning Project)

- Architected a distributed image generation platform, modernizing an initial monolithic TypeScript setup into high-performance, decoupled microservices.
- Rewrote restful API in Rust utilizing `axum` and `diesel`; re-engineered generation routing and status propagation in Go using RabbitMQ.
- Developed a specialized Go microservice to ingest generated images via gRPC, re-encode assets to WebP format, build thumbnails, and stream objects to an S3 backend.

EDUCATION

Tarrant County College

Fort Worth, TX

A.A.S. in Information Technology: Programming

Spring 2019