Diamond Dinh

Open-source cheerleader!

Software Engineer with a passion for building agentic systems, durable infrastructure, and open-source software.

Seattle, WA
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TECHNICAL SKILLS

Agentic Harnesses/Tools

Claude Code | OpenCode | Google Antigravity | MCP | SKILL.md

Languages

Go | TypeScript | Python | C | C++ | Nix | SQL | Bash

Cloud & Infra

Kubernetes | NixOS | GCP | AWS | Terraform | Docker | GitHub Actions | Prometheus

EDUCATION

California State University

B.S. in Computer Science

Fullerton, CA | Aug 2020 – May 2024

PROJECTS

dma.space Infrastructure

git.dma.space/infra/nixos

Declarative GitOps NixOS fleet with MicroVM service isolation, private HSM-backed CA server, mTLS, and automated CI/CD.

NixOS | MicroVMs | mTLS

Dissent

github.com/diamondburned/dissent

Lightweight native desktop Discord client built with GTK4 and Go for Linux/Wayland (1.8k+ stars).

Go | GTK4 | Wayland | Linux

arikawa

github.com/diamondburned/arikawa

Discord API library and WebSocket state-caching framework in Go, powering Dissent (600+ stars).

Go | WebSocket | REST API

EXPERIENCE

dma.space

Founder, Infrastructure Admin — Seattle, WA | Sep 2025 – Present

- Migrated core infrastructure to fully declarative, automated NixOS fleet driven by GitOps and CI/CD pipelines.
- Deployed self-hosted service suite (Zulip, HedgeDoc, Authentik) and built custom member management and verification portal.
- Stewarded organization for over a year, sustaining operations and growth into cornerstone of local hackerspace community.

Google

Software Engineer — Seattle, WA | Dec 2024 – Present

GKE Inference Benchmarking

- Launched llm-d Prism Results Store, now benchmark-sharing platform for llm-d-benchmark and other orgs; demoed at PyTorch DevCon 2026.
- Engineered end-to-end CI/CD test suites for inference-perf, catching breaking third-party changes before merge.
- Co-pioneered Prism's agentic spec-driven development workflow, accelerating benchmark dashboard delivery while reducing manual QA.

GKE Autopilot Experience

- Shipped Autopilot constraint features, among Cloud's first of their kind, to all 200K+ GCP organizations, unblocking enterprise partner adoption with zero downtime or regressions.
- Benchmarked and optimized internal end-to-end test suites, cutting runtime up to 4× (15+ to 4 min) for GKE contributors.

FPT Smart Cloud

Software Engineer — Hanoi, Vietnam | Jul 2024 – Oct 2024

- Engineered Kubernetes controllers for internal cloud operations, powering company cloud service offerings.
- Spearheaded migration of unmaintainable hard-forked codebases upstream and drove open-source back-contributions, stewarding company presence and reputation.
- Instituted design document and code review practices across teams, improving software delivery quality and cross-stack maintainability.

Google

Software Engineer Intern — Sunnyvale, CA | May 2023 – Aug 2023

- Designed and built parallel, distributed Go and Apache Beam pipeline reconciling internal records with Certificate Transparency logs.
- Secured Google's internal SSL/TLS certificate issuance pipeline, processing millions of log entries in under a minute to block malicious issuances.