Anirudh Oppiliappan

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EDUCATION

SRM IST
B.Tech in Computer Science
July 2017–2021 │ Chennai, IN

LINKS

GitHub/icyphox
LinkedIn/icyphox

INTERESTS

Distributed Systems
Infrastructure
Observability
Cloud-native Security

SKILLS

PROGRAMMING
• Go • Shell • Lua

INFRASTRUCTURE
Kubernetes (GKE, bare metal) •
Hashicorp Vault
• Prometheus • Falco
• Helm • OpenTelemetry

DISCLOSURES

CVE-2019-13143
— FB50 Smart Lock

EXPERIENCE

UPCLOUD   Kubernetes Engineer
January 2023-Present │ Helsinki, FI

- End-to-end observability and logging pipelines
- Internal tooling and in-house Kubernetes operators (Go)
- Architecting and buildng the new multi-tenant Kubernetes control planes as pods system (Go)
- Tech: Kubernetes (Cluster API), kubebuilder, Prometheus, Vector, Grafana

ORY   Site Reliability Engineer
January 2022-December 2022

- Centralized tracing infrastructure using OpenTelemetry, Grafana Tempo
- Architecting and building a distributed logging pipeline using Loki
- Edge caching of latency critical endpoints using Cloudflare Workers
- Open source contributions to all major Ory projects (Go)

DEEPSOURCE   Site Reliability Engineer
January 2021–December 2021 │ Bangalore, IN

- Setting up an event driven observability pipeline
- Internal security tooling and practices (SOC2)
- Kubernetes cluster maintenance and hardening
- Tech: Kafka, Telegraf, InfluxDB, K8s, Tailscale, Prometheus, Falco, etc.

PROJECTS

LEGIT   Web frontend for Git
Go
A web frontend for git, written in Go.

SHLIDE   Slide deck presentation tool
Bash
Plain-text powered, slide deck presentation tool written in pure bash.

JANNY   Kubernetes resource cleaner
Python
Clean up Kubernetes resources after a set TTL.

FORLATER.EMAIL   Email-based bookmarking service
Go
An email-based bookmarking service using OpenSMTPD and Go.

VITE   Minimal static site generator
Go
A simple tool to rapidly generate static websites using only Markdown.