

Chris Henzie

containerd reviewer and security advisor · Senior Software Engineer at Google

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Open Source

containerd

Aug 2024 – present

- Reviewer and security advisor for the container runtime under GKE, EKS, AKS, and Docker, a CNCF graduated project.
- Triage vulnerability reports and land the fixes that hold up. Prepare releases and backport fixes across supported branches.

Kubernetes

Aug 2020 – present

- SIG-Storage: authored [KEP-2485](#), the ReadWriteOncePod access mode, restricting a volume to one pod where ReadWriteOnce restricts only to one node. Alpha in 1.22 through stable in 1.29, with the [alpha](#), [beta](#), and [stable](#) announcements on kubernetes.io.
- SIG-Node: co-author of [KEP-5474](#), writable cgroups, which lets AI/ML frameworks like [Ray](#) set resource limits on their child processes without running as privileged. Built the GKE implementation as an [NRI plugin](#), shipped it to customers ahead of upstream, and upstreamed the plugin.

Experience

Senior Software Engineer, Google Cloud, Google – Sunnyvale, CA

Oct 2025 – present

- Kubernetes node and container runtime for GKE. Driving the containerd [Node Resource Interface](#) to 1.0, the plugin API that writable cgroups and other node-level resource controls are built on.
- Established a shared maintenance model for containerd at Google, so the teams that depend on it land their own features, fixes, and releases. Co-organized the 2026 containerd Maintainer Summit.

Software Engineer, Google Cloud, Google – Sunnyvale, CA

Feb 2024 – Oct 2025

- Led GKE's migration to containerd 2.0, which removed support for the deprecated CRI v1alpha2 API, Docker Schema 1 images, and certain registry config fields.
- Built the detection path, from a check on the node to a recommendation in the customer's console. Every cluster reaching Kubernetes 1.33 passes through it, and the ones it flags have their automatic upgrades paused until they migrate off.
- For customers who could not identify the workload still calling the deprecated API, published an [eBPF socket tracer](#) resolving the calls back to the container, which also flagged widely used observability and security agents needing updates.
- Coordinated every dependent first-party GKE service onto a shared library negotiating the CRI version, with each team's release landing before the 1.33 cutoff. Drove remediation with affected customers and third-party vendors.

Software Engineer, YouTube, Google – San Bruno, CA

Mar 2023 – Feb 2024

- Machine learning serving infrastructure for YouTube Discovery. Evaluated alternative model-serving runtimes across recommendation model families for compute efficiency, and added per-model authorization to serving RPCs.

Software Engineer, Google Cloud, Google – Sunnyvale, CA

May 2020 – Mar 2023

- Kubernetes storage for Anthos Multi-Cloud on AWS. Maintained the upstream [CSI sidecars](#) and the AWS EBS and EFS drivers.
- Wrote the Kubernetes controllers that provisioned the NetApp appliances backing storage on Google Distributed Cloud air-gapped.

Software Engineer, Meta – San Francisco Bay Area

Apr 2018 – May 2020

- [Twine](#), Meta's cluster manager and container platform. Built the log reader, a C++ service that streams and decompresses container logs on read and became the sole path for fleet-wide container log queries.

DevOps Engineer, Twitch – San Francisco, CA

Jan 2016 – Apr 2018

- Built continuous deployment for the live video CDN: repo metadata to a Terraform-provisioned ECS service in under four minutes.

Software Engineer, then DevOps Engineer, Sunrun – San Francisco, CA

May 2013 – Dec 2015

Skills

Languages: Go, Python, Bash, C++

Systems: Kubernetes, CRI, NRI, containerd, runc, OCI runtime spec, Linux containers (cgroups, namespaces)

Education

University of California, Berkeley, BS in Electrical Engineering and Computer Science – Berkeley, CA

Aug 2009 – Aug 2013