

SUMMARY

25 years of experience in systems automation, open source, and building user-focused engineering teams

EXPERIENCE

Google, Inc.

» *Engineering Manager, Container DevEx* — 2019 to present

- Managed 10-person team responsible for open source Kubernetes developer tools
- Consulted and collaborated with teams throughout Google to build a cohesive developer experience
- Built fun, productive and robust remote work culture to help team thrive
- Actively coached engineers, ran hackathons, built roadmaps, reviewed performance and created a safe environment

» *Senior Software Engineer, Container DevEx* — 2018 to 2019

- Led and launched [minikube](#) v1.0: the most popular local Kubernetes environment
- Created [Triage Party](#) project to promote active listening within open source communities
- Participated in upstream Kubernetes development via SIG Cluster Lifecycle
- Presented at KubeCon Seattle 2018, KubeCon Shanghai 2019 and KubeCon San Diego 2019

» *Tech Lead/Manager, Security* — 2016 to 2018

- Managed team responsible for revolutionizing ACL management at Google
- Built and improved self-service web applications for ACL provisioning
- Fostered SRE culture within security by hosting training, writing playbooks, post-mortems, and SLOs

» *Senior Systems Engineer, SRE* — 2006 to 2014

- Tech lead for effort to decentralize cluster automation: accelerating turn-up by 10X and saving \$XX million USD a year
- Created production simulation environment to continuously ensure Google's cold start ability
- Worked with teams to identify and eliminate cyclical dependencies in production infrastructure
- Designed analytics platform for data center metrics, tracking everything from hardware recidivism to technician success rates
- On-call for base compute infrastructure (authentication, mdb, installers, etc.)

Verizon (Alltel)

» *Operating Systems Programmer* — 2005 to 2006

- Created monitoring platform for systems health, security and configuration across 1000+ nodes
- Introduced modern engineering practices (revision control, collaborative docs) to highly regulated IT department
- Member of on-call team for the UNIX fleet (Linux, Solaris, HP-UX, AIX)

Indiana University, School of Chemistry

» *UNIX Coordinator* — 2003 to 2005

- Tech lead for school's initiative to adopt High Performance Computing
- Designed and maintained Linux clusters, built job control environments (SGE, Condor)
- Created high-throughput workflow engine for protein analysis, self-service tools for batch scheduling and resource reservation
- Lead security contact and incident responder

Bell & Howell

» *Senior UNIX Administrator* — 2001 to 2003

- Managed fault-tolerant clusters for large engineering firm
- Completed multi-year migration of mission critical services from HP-UX to Solaris & Linux
- Replaced proprietary tools with open source equivalents when appropriate: lowering costs and extending capabilities

Internet Commerce Corporation (RTCI)

» *Senior Systems Administrator* — 1998 to 2001

- Led team building SaaS from data center layout to software stack
- Implemented an EDI/X12 interchange for the Internet era (S/MIME, POP3 and FTP)

Royal Institute of Technology (Kungliga Tekniska Högskolan)

» *UNIX Administrator* — 1997 to 1998

- Maintained build environment for C, C++ and Erlang programming classes
- Provided security consulting and incident response through CERT-SE

The English School (Engelska Skolan)

» *Systems Administrator* — 1996 to 1997

- Built IP network, provided students & teachers technical support and training

SKILLS

- **Management:** Leading with empathy, active listening, OKR planning, performance management, mentoring, team building
- **Operating Systems:** Linux, FreeBSD, NetBSD, macOS, Windows and a ridiculous number of other platforms
- **Job Control Systems:** Kubernetes, Borg, Condor, Sun Grid Engine
- **Programming Languages:** Go, Python, Perl, Ruby, shell, PHP, C, TCL, Javascript
- **Open Source:** Kubernetes (30th most prolific contributor), Triage Party, occasional contributor to everything from Firefox to zsh
- **Cloud:** AWS EC2 and Google Compute Engine, Cloud Run, Kubernetes Engine, AppEngine

EDUCATION

- **2003: North Carolina State University** - Raleigh, NC
Coursework in Computer Science and Mathematics
- **1996-97: Kungsholmens Gymnasium** - Stockholm, Sweden