

# Timh Bergström

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## SUMMARY

Highly Motivated Senior DevOps, Infrastructure, Cloud, and Security Engineer with more than two decades of experience in managing, architecting, designing, automating, and scaling mission-critical systems across data centers, cloud platforms, and edge environments. Specialized in Linux, Cloud, Kubernetes, Networking, Infrastructure as Code (IaC), DevSecOps, and large-scale platform engineering. Experienced with AI/ML operations, GPU platforms, and securing AI workloads. Strong advocate for automation, simplification, and cost-efficient design, with a focus on reliability and reducing risk.

## EXPERIENCE

### *Blacksmith Labs, Technical Founder*

May 2025 - Present

- Designed and delivered the cloud platform for an AI application on GCP, established CI/CD, infrastructure, and runtime environments.
- Manage Qdrant vector databases, manage ML/LLM models and optimize resource usage.
- Integrated monitoring, logging, and alerting across the platform, improving deployment efficiency and ensuring the system is observable, supportable, and maintainable in production.
- Led the transition from development to production, enhancing system reliability and scalability.

### *Chronicle Labs Protocol, Senior DevOps Engineer / SRE (Contract)*

Oct 2024 - Jun 2025

- Managed cloud and hosted infrastructure for the Chronicle oracle suite, internal tools, and validator and blockchain infrastructure.
- Migrated and deployed multiple L1 and L2 RPC nodes from AWS to Bare-metal using Ansible and (k3s) Kubernetes, reducing monthly hosting costs by over \$10,000.
- Enhanced system reliability and scalability through strategic infrastructure management and deployment.

### *Stealth Startup, Technical Lead / AI/ML Research Cybersecurity*

Jan 2022 - Oct 2024

- Researched and developed AI models and agents for security scanning, focusing on OWASP, Penetration testing, and Data exfiltration, enhancing decision-making processes.
- Built knowledge graphs integrated with AI models for automated security operations and penetration testing.
- Architected and deployed a multi-cloud platform (AWS, GCP, Alibaba), ensuring high availability and scalability.

### *Parsly, Senior DevOps Engineer (Contract)*

Aug 2023 - Dec 2023

- Architected a fresh AWS infrastructure platform for clean deployment using AWS Well Architected Framework and Terraform, ensuring high availability and scalability.
- Led the migration from development and manually configured infrastructure to IaC managed infrastructure.
- Managed AWS infrastructure, optimized costs, and set up monitoring, reducing monthly hosting costs by thousands.
- Improved deployment efficiency and system reliability by integrating comprehensive monitoring and alerting solutions.

### *InteliSys Aviation, Senior System Administrator (Contract)*

May 2023 - Aug 2023

- Managed infrastructure across VMware and AWS cloud, maintaining Windows and Linux servers, Networking (WAF, IPSec VPN, WireGuard VPN), Security, and MSSQL databases, ensuring high availability and scalability.
- Researched and presented configuration management tools, reducing deployment time and minimizing manual errors, enhancing system reliability.
- Led on-call rotation for global infrastructure, supporting airports and airlines ticketing and cargo operations, improving incident response and operational efficiency.

### *Ryte, DevOps Engineer*

Jan 2022 - Feb 2023

- Managed and automated cloud infrastructure on AWS, enhancing deployment processes and reducing system downtime.
- Improved CI/CD pipelines, increasing deployment efficiency and reducing errors.
- Architected and implemented a new data-lake on AWS, creating ETL pipelines that processed millions of log lines per hour.

**Adotai, Head of Technology**

Mar 2016 - May 2016

- Architected and deployed AdTech application and selectors to AWS infrastructure, ensuring high availability and scalability.
- Enhanced system reliability and performance, improving platform uptime by 25%.
- Managed and mentored a web developer, fostering a collaborative and productive team environment.

**TBTech, Founder & Tech Lead**

Oct 2015 - Dec 2021

- Architected and deployed SaaS and WebApps on AWS, GCP, and Azure, ensuring high availability and scalability, enhancing system reliability.
- Managed multi-tenant hosting on DigitalOcean and Linode using Ansible and Python.
- Led teams of 3-6 engineers, overseeing project delivery and managing sales.

**Ooyala / Videoplaza, Lead System Engineer & Head of Infrastructure**

Aug 2010 - Oct 2015

- Scaled an AdTech platform to a global, multi-POP infrastructure, enhancing system reliability and availability.
- Built a global CDN handling over 14Gbps of traffic at peak with 99.99% SLA, saving \$150,000 monthly by migrating from Akamai to self-hosted infrastructure.
- Architected and built an internal cloud and hosting platform for developer self-service, continuous deployment, and fast failover, running thousands of virtual nodes across 4 datacenters on 3 continents.
- Managed a team of 2 senior and 2 junior system administrator and devops engineers.

**Diino AB, System Operations Manager**

Apr 2007 - Oct 2010

- Managed back-end infrastructure across Linux, BSD, and SUN Solaris systems for tens of thousands of users, ensuring high availability and scalability.
- Built a redundant and secure storage system (2+ Pb) using GlusterFS and NFS, enhancing data reliability and accessibility.
- Migrated from SAN/Fibrechannel, saving hundreds of thousands of dollars in operational costs, improving cost efficiency.
- Led a team of two senior system engineers and worked closely with system developers.

**EPIServer AB, Network Engineer & System Administrator**

Nov 2007 - Oct 2010

- Managed infrastructure across Windows and Linux environments with IIS and MS-SQL, ensuring high availability and scalability.
- Specialized in Network/System monitoring, graphing, and overview (NOC), enhancing system reliability and performance.
- Implemented monitoring and alerting solutions, improving incident response and operational efficiency.

**TDC Song, System & Network Operator**

Apr 2006 - Nov 2006

- Managed core networking infrastructure, enhancing system reliability and scalability.
- Oversaw DSLAM/POTS systems at customer edge, always improving through strategic infrastructure management.
- Provided fourth line support for internal technical teams ensuring high technical availability.

**Levonline AB, System Administrator**

Oct 2005 - Mar 2006

- Managed multiple servers for shared and dedicated hosting, ensuring high availability and scalability by configuring and adding servers to the resource pool.
- Worked with Linux, Windows, and Solaris systems, enhancing system reliability and performance through effective firewalling and networking.
- Provided customer support and troubleshooting for web servers, server-side applications, email, and databases (MySQL, PostgreSQL), improving user satisfaction rates by ##%.

**Azalea AB, System Administrator**

*Jul 2003 - Aug 2004*

- Managed multiple servers for shared and dedicated web hosting, ensuring high availability and scalability.
- Architected and built a high-performance email cluster with antivirus scanning and advanced spam-filtering, enhancing system reliability and security.
- Improved deployment efficiency and reduced operational costs by optimizing server management and email cluster performance.

*Box Hosting AB, System Administrator*

*Dec 2002 - Jul 2003*

- Founded and scaled a shared webhosting company, leveraging dedicated servers and selling via magazines and online platforms.
- Developed and managed Windows and Linux webhosting, email systems, and databases, ensuring high availability and reliability.
- Provided first line support to over 30,000 customers, enhancing customer satisfaction and operational efficiency.

## **EDUCATION**

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*Uppsala University*

**Music Theory and Composition**

## **LICENSES & CERTIFICATIONS**

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**Certified Penetration Tester (CPT)**

*Issued 2024*

**GPEN**

*Issued 2023*

**Certified Ethical Hacker (CEH)**

*Issued 2023*

**AWS Certified Cloud Practitioner**

*Issued 2021*

**AWS Solutions Architect: Associate**

*Issued 2022*

**AWS SysOps Administrator: Associate**

*Issued 2022*

**AWS DevOps Engineer: Professional**

*Issued 2023*

**JNCIA, JNCIE, JNCIE-DC, JNCIE-SP**

*Issued 2010 - Expires 2013*

**CCNA, CCIE-EI, CCIE-DC, CCIE-SEC**

*Issued 2007 - Expires 2010*

## **SKILLS**

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Linux • AWS • GCP • Azure • Terraform • Ansible • CDK • Python • Go • Bash