

Timh Bergström

Ho Chi Minh City, Vietnam
+84 (0) 933 193 318 • timh.bergstrom@gmail.com • <https://github.com/rnts08>

PROFILE

Principal / Senior Platform, DevOps, and Infrastructure Engineer with 20+ years building, scaling, and rescuing production systems across cloud, bare metal, and hybrid environments. Proven track record delivering highly reliable platforms, cutting infrastructure costs by six figures annually, and enabling teams to ship faster with safer, automated systems. Experienced in leading infrastructure for AI/ML workloads, blockchain systems, and global SaaS platforms. Trusted in high-risk environments where uptime, security, and cost efficiency matter. **Legally authorized to live and work in Vietnam through a family-based visa and Temporary Residence Card (TT TRC); no sponsorship required.**

EXPERIENCE

Blacksmith Labs — Technical Founder

May 2025 – Present

- Built and launched a production-grade AI platform on GCP end-to-end, owning architecture, security, CI/CD, and operations from day one.
- Deployed Kubernetes-based environments for LLM inference and vector search, optimizing GPU and compute utilization to control costs while maintaining performance.
- Established observability, alerting, and operational standards that enabled reliable production releases and predictable on-call support.
- Translated early prototypes into a scalable, supportable platform suitable for real users and growth.

Chronicle Labs Protocol — Senior DevOps Engineer / SRE (Contract)

Oct 2024 – Jun 2025

- Owned infrastructure for blockchain oracle services, internal tooling, and validator/RPC fleets in production.
- Led migration of multiple L1 and L2 RPC nodes from AWS to bare metal using Ansible and Kubernetes (k3s), reducing infrastructure costs by **\$10,000+ per month**.
- Standardized deployments and monitoring, improving system reliability and reducing operational risk in a high-availability environment.

Stealth Startup — Technical Lead, AI/ML & Cybersecurity

Jan 2022 – Oct 2024

- Led development of AI-driven security tooling targeting OWASP vulnerabilities, penetration testing workflows, and data exfiltration risks.
- Built autonomous agents and knowledge graphs to automate security analysis, reducing manual investigation and improving signal quality.
- Designed and operated a multi-cloud platform (AWS, GCP, Azure) to support secure experimentation and high availability.

Parsly — Senior DevOps Engineer (Contract)

Aug 2023 – Dec 2023

- Designed and implemented a new AWS platform using Terraform and Well-Architected Framework principles.
- Migrated environments from ad hoc, manually configured systems to fully managed Infrastructure as Code, eliminating configuration drift.
- Reduced monthly cloud spend by **thousands of dollars** while improving visibility, reliability, and deployment confidence.

InteliSys Aviation — Senior System Administrator (Contract)

May 2023 – Aug 2023

- Operated hybrid VMware and AWS infrastructure supporting mission-critical airline and airport operations.
- Managed Linux and Windows servers, VPNs (IPSec, WireGuard), WAFs, and MSSQL databases under strict uptime requirements.
- Improved deployment speed and consistency by introducing modern configuration and automation practices.
- Supported global on-call rotations for time-sensitive,

revenue-impacting systems. • Reduced deployment errors by **up to 90%** by introducing automation and replacing manual steps with scripts and tools.

Ryte — DevOps Engineer

Jan 2022 – Feb 2023

- Automated and operated AWS infrastructure for a large-scale SaaS platform. • Improved CI/CD pipelines, reducing deployment errors and manual intervention during releases. • Designed and built an AWS-based data lake processing **millions of log events per hour** for analytics and observability.

TBTech Thailand — Owner & Technical Lead Engineer

Oct 2015 – Dec 2021

- Founded and led a consultancy delivering cloud platforms and SaaS infrastructure across AWS, GCP, and Azure. • Designed and operated multi-tenant hosting environments with a custom portal tool and software based on Salt, Ansible and Python. • Led teams of 3-6 engineers while owning architecture, delivery, and client relationships.

Ooyala / Videoplaza — Lead System Engineer & Head of Infrastructure

Aug 2010 – Oct 2015

- Scaled a global AdTech platform across multiple POPs on three continents. • Built and operated a self-hosted CDN delivering **14+ Gbps peak traffic** with **99.99% SLA**, saving approximately **\$150,000 per month** by replacing Akamai. • Created an internal cloud platform enabling developer self-service, continuous deployment, and fast failover across thousands of virtual nodes. • Managed and mentored a distributed infrastructure engineering team.

Diino AB — System Operations Manager

Apr 2007 – Oct 2010

- Operated large-scale backend infrastructure for tens of thousands of users worldwide across Linux, BSD, and Solaris. • Designed and built a **2+ PB** distributed storage platform using GlusterFS and NFS. • Led migration away from SAN/Fibre Channel, saving **hundreds of thousands of dollars** in operational costs. • Managed and coached system engineers while partnering closely with development teams.

Earlier Career (2002–2007)

System & Network Operator / System Administrator – Hosting & Telecom

- Built and operated shared and dedicated hosting platforms serving **30,000+ customers**. • Designed high-performance email, web hosting, and networking systems across Linux, Windows, and Solaris. • Developed a strong foundation in networking, security, and large-scale operations.

Notable Projects

- AI Powered Automotive R&D Assistant: <https://blacksmithlabs.net/gary-app>
- Real-time monitoring of the ethereum blockchain: <https://ethwatchtower.xyz>
- Ethereum (and L2 chain) balance TUI: <https://github.com/rnts08/eth-balance-tui>
- Microsocks proxy modified with account and subscription management:
<https://github.com/rnts08/microsocks-vnvpn>

Certification	Code	Year
Penetration Tester	GPEN	2023
Certified Penetration Tester	CPT	2024
Certified Ethical Hacker	CEH	2023
AWS Certified Cloud Practitioner	CLF-C02	2021
AWS Certified Solutions Architect: Associate	SAA-C03	2022
AWS Certified SysOps Administrator: Associate	SOA-C02	2022
AWS Certified DevOps Engineer: Professional	DOP-C02	2023
JNCIA, JNCIE, JNCIE-DC, JNCIE-SP	-	2010-2013
CCNA, CCIE-EI, CCIE-DC, CCIE-SEC	-	2007-2010