Thomas Ramfjord

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PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience building and operating distributed systems in production. Strong in Go, Kubernetes, and cloud infrastructure. Focus on reliability, observability, and clear technical ownership.

Open to remote roles in Europe and North America. Prefer teams with real production systems and engineers who care about how things actually run.

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Remote — 2021–2025

- Lead platform team responsible for Kubernetes clusters, CI/CD, and internal developer tooling for a fintech company processing [redacted] transactions per day.
- Reduced mean time to recovery from 4 hours to 30 minutes by introducing structured logging, distributed tracing, and runbook-driven incident response.
- Designed and implemented a multi-region deployment system using Terraform and custom Go tooling, enabling safe rollouts across three regions.
- Mentored 4 engineers through promotion to senior level; conducted weekly 1:1s and quarterly performance reviews.
- Wrote and maintained internal documentation for all platform services, including architecture decision records and on-call runbooks.

Senior Software Engineer — Remote — 2018–2021

- Built and operated a real-time bidding platform handling [redacted] requests per second on AWS, using Go and Redis.
- Migrated legacy monolith to microservices over 18 months, with zero customer-facing downtime.
- Introduced Prometheus and Grafana across all production services; defined SLOs for 12 critical endpoints.
- Reduced AWS infrastructure cost by 40% through rightsizing, spot instances, and cache tuning.
- Hiring manager for 6 engineers; responsible for job descriptions, interviews, and onboarding.

Software Engineer — Oslo, Norway — 2014–2018

- Developed backend services in Ruby on Rails and Go for a logistics company with 200 employees.
- Implemented PostgreSQL replication and automated backup verification, eliminating data loss incidents.
- Built internal CLI tools that reduced manual deployment time from 2 hours to 15 minutes.
- Participated in on-call rotation; resolved production incidents averaging 3 per week.

EDUCATION

B.Sc. Computer Science — NTNU, Trondheim — 2010–2014

- Thesis: "Consistency models in distributed key-value stores" — supervisor: Prof. Ingvar Haugen
- Relevant courses: Operating Systems, Distributed Systems, Algorithms, Database Systems

TECHNICAL SKILLS

Languages: Go, Ruby, Python, Bash, SQL, HCL, Perl

Infrastructure: Kubernetes, Terraform, Ansible, Docker, Prometheus, Grafana, Loki, Tempo, OpenTelemetry, AWS (EC2, S3, RDS, Lambda, VPC), GCP, PostgreSQL, Redis, Kafka, NGINX, Linux (Debian, RHEL)

Practices: Incident response, SLO/SLI design, capacity planning, code review, technical writing, mentoring

LANGUAGES

- Norwegian — native
- English — fluent (IELTS 8.0, 2019)
- German — basic (A2)

PROJECTS

kubectl-ns-guard — Go, Kubernetes — 2023–2024

- Open-source CLI plugin that prevents accidental cross-namespace operations in multi-tenant clusters.
- Adopted by 3 companies within 6 months; 1.2k GitHub stars.

homelab — Terraform, Ansible, Docker — 2020–present

- Personal infrastructure for self-hosted services: DNS, VPN, monitoring, backup, and CI runners.
- Documented in public repo; used as reference by several colleagues.