

NICK MOORE

Principal SRE & Platform Engineer

@nick.moore@pm.me

📞 303-515-1883

📍 Littleton / Denver, Colorado, United States

🌐 nick-moore.lovable.app

📧 nicholasmoore

PROFESSIONAL SUMMARY

AI-savvy Principal SRE & Platform Engineer with 10+ years designing, scaling, and securing high-traffic infrastructures on AWS, Azure, GCP. CKA-certified expert in Kubernetes (Level 10), Terraform (Level 9), Ansible (Level 10), Docker (Level 10), GitHub Actions (Level 9). Proven in incident response, 99.9% uptime, cost optimization (20–40% reductions), and automation at global scale (Pinterest, Talkdesk, financial systems).

Evolving to DevSecOps platform engineering: championing Internal Developer Platforms with Backstage.io + Crossplane for golden paths, shift-left security via Trivy/container/IaC scans, and AI-assisted workflows (Cursor AI, Anthropic Claude, Continue.dev, LangChain) to embed compliance, speed, and soul into self-service development. Always grateful, crafting resilient, meaningful tech that resonates.

EXPERIENCE

Principal SRE

Talkdesk

📅 Jan 2024 – Present

📍 Remote / Denver, CO

- Own AWS infrastructure for high-traffic cloud contact center; ensure reliability, scalability, performance.
- Lead on-call & incident management; proactive automation to eliminate recurring issues.
- Kubernetes orchestration, Python routing/orchestration, observability; plan AI feature scaling.
- Automate provisioning; explore Backstage.io + Crossplane golden paths with embedded security.
- Integrate shift-left: Trivy scans, AI agents (Cursor/Claude/Continue.dev) for secure code/fixes.

Network Automation Architect

Pinterest

📅 Jan 2022 – Dec 2024

📍 Remote

- Architected AWS network/infra automation for platform serving millions daily.
- Built Python/Ansible/Terraform pipelines; reduced config time ~60%, manual toil.
- Designed high-performance routing/workloads; supported capacity planning, observability.
- Laid platform engineering foundations, including standardized secure deployments & IDP concepts.

VP Site Reliability Engineering

City National Bank

📅 Jan 2020 – Jan 2022

- Led SRE team for critical financial systems (Azure + multi-cloud); ensured compliance, SLAs.

SKILLS

- AWS (Expert)
- Terraform (Lv9)
- Ansible (Lv10)
- Kubernetes (CKA, Lv10)
- Docker (Lv10)
- GitHub Actions (Lv9)
- DevSecOps • Shift-Left
- Trivy • Backstage.io
- Crossplane • Golden Paths
- Python • Rust • Golang
- Cursor AI • Claude • LangChain
- N8N • Zapier • Pipedream
- Windsurf UI • SDN/VXLAN
- Observability • Incident Mgmt
- 99.9% Uptime Engineering

EDUCATION

BS Computer Science

University of Washington

📅 Sep 1996 – Jun 2000

CERTIFICATIONS

- 🌟 Certified Kubernetes Administrator (CKA)
Cloud Native Computing Foundation
- 🌟 Terraform (Level 9 Mastery)
- 🌟 Ansible (Level 10 Mastery)
- 🌟 Docker (Level 10 Mastery)
- 🌟 Kubernetes (Level 10 Mastery)
- 🌟 GitHub Actions (Level 9 Mastery)

HIGHLIGHTS

- 🏆 23 Elite Skills • 23 Legendary
1.44M+ Total XP • 99.9% Mastery Rate
- 🚀 Recent Thought Leadership
Golden Paths & Crossplane, Backstage IaC Reference Impl, AI SRE Accuracy, Quantum/Agentic Commerce (2025–2026 posts)

- Directed incident response, production stability in regulated environment.
 - Scaled via containers, CI/CD, Python monitoring/capacity tools.
 - Advanced automation & security practices to reduce toil, strengthen posture.
-

SRE & Network Automation Consultant

Independent / Various Clients

📅 Jun 2018 – Present

📍 Remote

- Multi-cloud infra (AWS/Azure/GCP) with Terraform/Ansible; 25% faster deployments, 20% fewer errors.
- Kubernetes clusters (Helm), SDN (OpenFlow/VXLAN/libvirt/KVM); 99.9% uptime.
- Scaled Edgecast CDN 8GB → 45TB (95% cache-hit, WAF/DDoS); 20–40% latency/cost wins.
- Built Gemini Prime crypto platform; low-latency, compliant institutional trading.
- Integrated AI (LangChain/N8N/Zapier/Pipedream), Windsurf UI, Cursor AI for rapid development.