

Morten Nilsen

111 Maple St, West Orange, NJ 07052

973-464-0262

mtnilsen@gmail.com

PROFESSIONAL SUMMARY

Results-driven Platform Engineering Manager with an additional 12 years of financial services experience, and leadership. Specializing in building and managing secure, scalable, and highly available infrastructure. Proven ability to lead and develop high-performing teams, optimize automation, and implement cost-efficient solutions. Seeking a challenging SRE, Platform Engineering, or DevOps management role to leverage extensive technical and analytical skills.

TECHNOLOGY & SKILLS

Terraform | Automation | AWS (Amazon Web Services) | DevOps | Docker | Kubernetes | Jira | GitLab | Git | WSO2 | CloudCheckr | Concourse | Jenkins | Circle CI/CD | Datadog | AppD | Akamai | DB Solutions (DynamoDB, Aurora, MongoDB, PostgreSQL, MySQL) | Azure | Ansible | Traefik | BPIPE | KDB | Deephaven

EDUCATION & CERTIFICATIONS

The States Resource & Adult Learning Center, Oslo, Norway | Social Science, 1998

Naeringsakademiet, Bergen, Norway | Degree in Business & Accounting, 2003

AWS DevOps Engineer Professional | AWS SysOps Administrator | AWS Solutions Architect Associate | Docker Certified Associate | Cornell University - Python

LANGUAGES

Fluent in English, Norwegian; Intermediate level Spanish

EXPERIENCE

Curbside SOS, (Eastpointe, MI)

August 2023 to Present

Head of TechOps

- Lead a team of SREs
- Implemented infrastructure as code (AWS, Terraform, Docker, VPC, ECS, EKS, EC2, RDS, Redis)
- Reduced cloud spend by 50%
- Set up AWS infrastructure in line with best practices
- Supported infrastructure needs for developer and platform teams
- Drafted architecture framework
- Set the direction for tech adoption

Brevar Howard, (New York, NY)

March 2022 to May 2023

Sr. DevOps Engineer

- Implemented infrastructure as code (AWS, Terraform, Docker, VPC, ECS, EKS, EC2, RDS, Redis)
- Automated monitoring configuration with Ansible, and DataDog
- Built out BPIPE for ingestion of large volume of data from Bloomberg
- Supported infrastructure needs for developer and data management teams
- Built out KDB and Deephaven infrastructure
- Drafted architecture framework
- Drove microservice adoption
- Configured multi account AWS environment with:
 - o VPC networks, network peering, security groups, DNS, RBAC, etc.

BNY Mellon, (Jersey City, NJ)

April 2020 to March 2022

VP Principal DevOps Engineer

- Advanced Agile adoption, SDLC & Architecture best practices
- Managed release schedule and maintain infrastructure
- Implemented automation in SDLC process
- Enforced security best practices for deployments, architecture and code
- Served as Agile and DevOps champion, helping other teams to improve their workflows
- Maintained private cloud infrastructure
- Created architecture diagrams in compliance with company and industry guidelines
- Added new private cloud datacenter
- Created template for public cloud adoption
- Wrote new guidelines for architecture approval process
- Reengineered static deployments to be dynamic with autoscaling

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R3, (New York, NY)

September 2019 to January 2020

Sr. DevOps Engineer

- Improved and maintained existing Terraform library
- Improved and maintained existing Ansible library
- Improved automation and issue mitigation
- Used Jira for managing IT infrastructure and development projects
- Started DevOps team in NYC
- Maintained on prem and cloud infrastructure (Azure)
- Created documentation and "how to" guides for deployment and configuration of resources
- Performed code review/testing

CareDox, (New York, NY)

February 2019 to August 2019

Sr. DevOps Engineer

- Implemented infrastructure as code (AWS, Terraform, Docker, VPC, ECS, EKS, EC2, RDS, Redis)
- Set up monitoring solutions with Datadog and CloudWatch
- Responsible for automation of cloud infrastructure management (AWS, Terraform, Ansible)
- Used Jira for managing IT infrastructure and development projects (AWS)
- Managed team of engineers to ensure on time delivery of new applications and features
- Infrastructure migration (AWS, Terraform, Ansible)
- System patching and management of Linux VMs (Centos, Debian, Arch)
- Troubleshooting of all cloud infrastructure, networking, availability, and performance degradation
- Managed AWS resources to control cost and optimize resource utilization
- Conducted cloud security audits & mitigation (AWS, CloudCheckr)
- Optimized cloud resource utilization
- Set up guardrails to ensure HIPAA compliance, and enforce best practices
- Code review on Github, and CI/CD pipeline management with Circle
- Build out user friendly custom Terraform modules for reusability, and consistency
- Escalation management with Datadog, CloudWatch and Pager Duty

Boomer Digital, (Brooklyn, NY)

July 2017 to February 2019

Sr. DevOps Engineer

- Implemented Infrastructure as code (AWS, Terraform)
- Code review on Github, and CI/CD pipeline management with Concourse
- Automated management of cloud infrastructure (AWS, Terraform, Ansible)
- Used Jira to manage IT infrastructure and development projects (Digital Ocean, AWS)
- Managed team of engineers to ensure on time delivery of applications and features
- Responsible for infrastructure migration to the cloud (Digital Ocean, AWS, Terraform, Ansible)
- Managed security audits & mitigation solutions (Digital Ocean, AWS)
- Optimized cloud resource utilization (Digital Ocean, AWS)
- Managed cloud resources (Digital Ocean, AWS)
- New business development
- Created and presented POC proposals
- Reporting on project development
- Ad Hoc IT management

OTHER EXPERIENCE (Financial Services)

Nilsen Holdings LLC, (Montclair, NJ)

July 2012 to July 2017

Co Owner

Merrill Lynch, (Short Hills, NJ)

January 2016 to July 2016

Financial Advisor

Orion Trading Institution S.A, (Panama)

February 2004 to June 2012

CFO

Top Unit Management, (Bergen, Norway)

January 2003 to February 2004

Director

FOREX Wealth Builders Int., (Bergen, Norway)

January 2003 to January 2004

Training Director