

TRENT BAKOW

DEVOPS ENGINEER

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PROFILE

Senior DevOps Engineer with deep expertise in AWS and 5+ years driving critical infrastructure initiatives and leading complex migrations across Fortune 500 and unicorn startups. Proven track record of coordinating cross-functional teams, mentoring engineers, and delivering zero-downtime solutions that accelerate development velocity.

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer, JobNimbus, Utah

November 2022 — Present

- Identified a 60% cost savings (\$50-75K annually) and led evaluation and migration to change observability vendors
- Enabled 100% uptime through network migration to high availability architecture, establishing multi-region DR/VPN functionality
- Architected critical components for enterprise Azure-to-AWS migration, designing and implementing core networking and auth management system
- Enabled successful delivery of 3 team initiatives through technical mentorship and POC development while maintaining critical infrastructure operations

DevOps Engineer II

Nov 2022 - Nov 2024

- Increased performance by 40% and reduced costs by 20% through Couchbase and Elasticsearch migration, with zero downtime
- Modernized legacy Elasticsearch enabling 100% data retention solution through replayable data pipelines
- Accelerated delivery of multiple team projects by a total of 3 months through technical advisory and PRD development, ensuring successful execution
- Reduced security investigation time by 65% by architecting and implementing audit logging platform, improving compliance and customer visibility

DevOps Engineer II, Reliaquest, Utah

November 2021 — November 2022

- Achieved 91% reduction in new service deployment time from 24 hours to 15 minutes by constructing automated provisioning pipeline in Python/Go for 200+ engineers
- Executed zero-downtime Aurora v1v2 migration for critical production databases using Bucardo replication and PL/Perl rewrites
- Led technical evaluation panel for enterprise Snowflake integration, influencing data platform architecture decisions
- Developed 100% data retention policy and designed 3-region disaster recovery across US-East, US-West, and EU
- Responded to critical incidents in war rooms, swiftly diagnosing and resolving production issues

DevOps Engineer II, Dexi.io, Utah

May 2019 — November 2021

- Led 3000+ customer schema cloud migration, coordinating cross-functional team of 6 comprised of (four developers, an architect, and a staff engineer)
- Maintained 100% data integrity and facilitated GCP hybrid cloud migration by building comprehensive runbooks and modernizing MSSQL infrastructure strategy
- Expanded team capacity by 75% through mentoring and developing training programs and hands-on technical guidance
- Architected and implemented critical infrastructure platforms (Kafka, Ceph, ELK, Nginx) for data streaming, object storage, and observability
- 25% performance improvement with minimal cost increase through optimized migration strategy, ensuring enterprise reliability

DevOps Engineer I

Feb 2020 - Jun 2021

- Reduced deployment time by 95% from 5-6 hours to 10-15 minutes through Ansible automation for EKS cluster deployments
- Managed 400+ physical/virtual machines to support high availability for all engineering teams and products
- Supported a 3-engineer transition through comprehensive training program creation
- Executed dual-role balance in DevOps and Implementation Engineer responsibilities with zero disruptions
- Deployed company-wide infrastructure including ELK and Kafka stacks, enabling data processing and logging capabilities for the entire engineering organization

On-Premise Implementation Engineer

May 2019 - Oct 2020

- Managed 15% of company revenue as primary technical contact for multiple Fortune 500 companies

- 80% reduction in upgrade cycles from 1-2 days to 4-5 hours for on-premise deployments through automation
- 3-engineer team developed and trained for role transition, ensuring operational continuity and complete knowledge transfer
- Reduced onboarding time by 2 weeks by creating comprehensive documentation library

EDUCATION

Bachelor of Science: Information Technology, Network Administration and Security

Utah Valley University - Orem, UT, Orem

Associate of Science: Computer Science

Utah Valley University - Orem, UT, Orem

TECHNICAL SKILLS

Terraform	Kubernetes	ArgoCD	Python, Go
Postgres	Automation	GCP	GenAI
AI	Prompt Engineering	Vector Databases	RAG Architecture
MCP Server Development	Gitlab, Github	Terraform, OpenTofu	Agentic AI systems
Datadog, Grafana, Splunk	AWS - ECS, MSK, Opensearch, RDS, IAM, R53, VPC, Cloudfront, EKS		