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SUMMARY

Senior Infrastructure Engineer with 12 years of experience in Site Reliability (SRE), DevOps, and Platform Engineering and 20 years in Tech. Proven track record of maintaining 99.99% uptime for high-traffic platforms, reducing annual cloud spend by at least 50% through FinOps initiatives, and improving Developer Experience (DevEx) via process improvement, “observability-as-code”, and automation. Experienced in DevSecOps and providing 24/7 incident response within HIPAA/HITRUST compliant environments.

SKILLS

- **Cloud Platforms:** Amazon Web Services (AWS), GCP
- **Containerization & Orchestration:** ECS, EKS, Kubernetes (k8s), Docker
- **Infrastructure as Code (IaC) & Config:** Terraform, CloudFormation, Ansible, Chef (Ruby)
- **CI/CD & DevOps:** GitHub Actions, Jenkins, AWS CodeBuild, Bitbucket Pipelines, Bamboo
- **Observability:** Datadog, Splunk Cloud, Prometheus, Grafana, CloudWatch, PagerDuty, ELK
- **Security & Compliance:** DevSecOps, AWS WAF, Snyk, Zscaler, AIDE, Cloudflare, IAM, HIPAA, HITRUST
- **Automation & Data:** Python, Bash, RDS, PostgreSQL, MongoDB Atlas, Aurora, Snowflake

WORK EXPERIENCE

Senior Cloud Engineer
Unlock Health
05/2024 - 08/2025

- Architected the consolidation of multi-cloud HRA infrastructure across multiple AWS accounts, implementing Terraform Cloud to automate ECS microservice deployments and reduce developer toil.
- Standardized CI/CD by migrating dozens of disparate pipelines (Bamboo, Bitbucket, Jenkins) to GitHub Actions, and auditing legacy systems across 100+ GCP accounts using Python and shell scripting to drive infrastructure modernization.
- Overhauled the observability stack by migrating to Splunk Cloud and automating configurations via Ansible and Terraform, while simultaneously executing security remediation and evidence collection for HITRUST audits.
- Managed an Enterprise Web hosting portfolio of hundreds of customer sites (WPEngine, Acquia, AWS EC2), providing cross-functional architectural guidance, deployment support, and PostgreSQL administration to engineering teams.
- Accelerated time-to-hire by 75% and improved the candidate pipeline 4x within the first two weeks by streamlining the interview process and aligning candidate criteria with external recruiters.

Sabbatical
Self-Directed
03/2023 - 03/2024

- Dedicated time to personal realignment, family & friends, and creative pursuits.

Senior Site Reliability and DevOps Engineer
Mindstrong Health
11/2021 - 03/2023

- Designed and maintained highly available AWS infrastructure for a 24/7 telehealth platform, achieving 99.99% uptime and driving DevSecOps best practices across engineering teams.
- Led cloud cost optimization initiatives, achieving a 50% reduction in annual cloud spend, utilizing spot instances in lower environments, scaling schedules, storage lifecycles, nOps reporting and cleaning up orphaned resources.
- Achieved a 90% reduction in “two-minute tickets” by expanding Jenkins shared libraries and implementing automated testing and validation, maintaining platform stability and operational output following a 60% SRE team reduction.
- Modernized the observability stack, migrating from Prometheus/Grafana/Splunk to Datadog, automating configuration and deployment with Terraform and CI/CD.
- Established DevSecOps best practices, implementing automated full-stack vulnerability scanning, alerting, and reporting with Snyk and other tools.
- Administered data and MLOps platforms (MongoDB Atlas, Snowflake, Databricks, SageMaker) providing cross-functional support to Data teams.
- Sanitized codebase and HIPAA/PII data, packaging IaC to ensure seamless infrastructure handoff during company acquisition.
- Mentored junior SREs via code review, stand-ups and 1-on-1s.

Senior Site Reliability Engineer
Magnopus
12/2019 - 10/2021

- Directed the cloud-hosted services layer as Principal Engineer for Expo Dubai Xplorer AR/VR applications, scaling infrastructure to support over 10,000 concurrent global users with live interactive capabilities.
- Architected a cloud-native ECS Fargate stack utilizing Terraform for IaC, migrating microservices from self-managed Kubernetes on EKS to enable dynamic scaling and drive cloud cost optimization.
- Developed CI/CD pipelines and infrastructure automation (building and deploying .Net, Terraform, etc) utilizing open-source tools (Jenkins) and scripting (Python, Bash).
- Designed and implemented observability improvements, automating Datadog configuration and deployment via Terraform, and migrating from the ELK logging stack.
- Achieved a 50% reduction in AWS cloud costs by continuously monitoring and iterating

on architecture (right-sizing, down-scaling, storage classes, etc) without compromising on functionality and scalability.
- Designed and executed infrastructure optimization initiatives including load testing, capacity planning, and architecture improvements for global scale in order to ensure live-readiness.

Cloud Systems Developer
Cloudreach
07/2017 - 11/2019

- Engineered enterprise-grade AWS cloud infrastructure and executed cloud migrations utilizing serverless architectures and Infrastructure as Code.

Senior Site Reliability Engineer
ICF Next
05/2014 - 07/2017

- Administered AWS infrastructure and supporting toolchains for high-traffic commercial websites utilizing the Adobe Experience Manager (AEM) CMS stack, including load balancing and CDN configurations.
- Provided 24/7 incident response, facilitated code deployments, and delivered infrastructure architecture consulting to stabilize enterprise client delivery.
- Interviewed, hired, and mentored junior SREs, earning a promotion to Senior SRE within two years.

Senior Support Analyst
Eagle Seven Trading
08/2013 - 05/2014

- Acted as the primary liaison and escalation point between traders and developers to source, test, and patch software bugs in a latency-sensitive environment.
- Managed and monitored Linux and Windows trading systems utilizing Salt, Git, Python, and Bash scripting for task automation.

System Administrator
Enova Financial
06/2011 - 08/2013

- Maintained, secured, and troubleshot mixed physical and virtual Linux environments (XEN, VMWare, Rackspace), providing 24-hour on-call support for critical systems.
- Planned and executed system migrations, managed enterprise backups (CommVault, Bacula), deployed Atlassian suites (JIRA, Confluence), and oversaw IT security compliance and vulnerability remediation.

Help Desk Team Lead

Enova Financial
11/2008 - 06/2011

- Managed and mentored a team of direct reports through training, bi-yearly reviews, and continuous feedback while handling escalated administrative issues.
- Designed and planned an internal proprietary Access Control System.

Help Desk Administrator
Enova Financial
06/2008 - 11/2008

- Delivered comprehensive software, hardware, and network support for corporate Mac and Windows users, while managing systems access via LDAP.

Systems Support Technician
Applied Systems, Inc.
07/2006 – 06/2007

- Provided technical Windows Desktop and Server support to thousands of end-users, consistently exceeding resolution targets by 40%.
- Mentored new team members and conducted technical training classes shortly after hire.

EDUCATION
Bachelor of Science, Computer Science
Illinois Wesleyan University

CERTIFICATIONS
- AWS Certified Solutions Architect – Professional
- AWS Certified Developer – Associate
- AWS Certified SysOps Administrator – Associate