

## Marvin E. Street

Chicago, IL

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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, Docker, Kubernetes (k8s)
- **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 (Bamboo, Bitbucket, and Jenkins) pipelines 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 (official app for Expo 2020 Dubai, serving millions of users globally), 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 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.

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