

# Kevin L Gibson

---

kevgibson@gmail.com | [www.linkedin.com /in/kevgibson](https://www.linkedin.com/in/kevgibson) | [www.github.com/rewt](https://www.github.com/rewt)

## Experience

### Insight Enterprises, Remote W2 (July 1, 2021 – Current)

Insight Enterprises Inc. is an Arizona-based publicly traded global technology company that focuses on business-to-business and information technology capabilities for enterprises, with a focus on cloud and data center transformation, connected workforce, and digital innovation.

#### Cloud Architect, I (July 1, 2022 – Current)

Leading clients through design, development and implementation of Azure and GCP cloud native solutions, leveraging Terraform automation and zero trust architectures

#### Key Responsibilities:

- Develop and deliver customized Azure and GCP cloud adoption frameworks for various enterprise clients by conducting detailed discovery sessions.
- Provide expert consulting on deploying cloud networking and PaaS solutions in alignment with best practices for enterprise scale, container workloads, and workload identity management.
- Provide guidance for configuring AKS and GKE environments using Terraform, focusing on secure, scalable container orchestration and identity solutions.
- Implement GitOps workflows and CI/CD pipelines (GitHub or Azure DevOps) to enable self-service deployments for developers, while ensuring automation at scale across multiple platforms.
- Advise clients on establishing enterprise-scale monitoring solutions across Azure and GCP cloud environments, utilizing tools such as Azure Log Analytics, Azure Monitor, Managed Prometheus, and Managed Grafana Dashboards to ensure real-time, actionable insights on deployed applications and infrastructure.

#### Key Accomplishments:

- Collaborated with pre-sales and account managers to develop PoC demonstrating end to end private architecture for HashiCorp Cloud Platform Vault, via Azure Express Route, enabling secrets across both on premise and cloud environments
- Developed multi-cloud deployment strategy between Azure and GCP, leveraging OIDC Workflows, Federated Application Registrations and GCP Workload Identity Federation, setting the foundation for the client multi cloud strategy, leveraging a zero-trust architecture.
- Engineered end to end private solution for accessing private endpoints from local workstations, authoring Terraform modules to deploy Azure VWAN, Azure Firewall, and Azure VPN, eliminating public IP's and permit lists while paving the way for future Express Route implementation
- Implemented workload identity federation solutions that integrated cross-platform DevOps workflows, eliminating client secrets and saving over \$250k in third-party licensing fees. Enhanced security posture by using HCP Vault to eliminate over 10,000 service account keys, aligning with GitHub Enterprise repositories.

### **Principal Cloud Engineer (July 1, 2021 – July 1, 2022)**

Engineered solutions for hybrid cloud adoption, leveraging best practices and modern infrastructure as code methodologies to deliver scalable and secure cloud environments.

- Customized Azure CAF Terraform modules to improve delivery efficiency by optimizing management group structure and policy assignment in multiple hybrid cloud adoption initiatives for enterprise clients, improving delivery time by 20%.
- Established Cloud Foundations Landing Zones and conducted operational workshops on architecture, networking, security, and DevOps automation. Implemented CI/CD pipelines and scalable, reusable IaC templates, ensuring compliance with industry standards, establishing enterprise clients in best practice operations for Azure and GCP clouds.

### **Sr. Cloud Infrastructure Engineer, Visa, Remote W2 (February 2021 - July 2021)**

Led the implementation of modern, automated, and reusable infrastructure that spans on-premises, AWS, and 2 data centers.

- Redesigned existing Confluent Kafka deployment on AWS EKS, leveraging the Confluent for Kubernetes operator.
- Implemented end-to-end encryption between data centers and AWS Kafka brokers.

### **Infrastructure Engineer, bitcoin.com, Remote W9 (September 2019 - February 2020)**

Working with an energetic and dynamic player in the cryptocurrency ecosystem, I implemented automated, high-availability solutions at an enterprise level for multiple large, distributed software applications including both the foundational infrastructure for the company and components of the mining pool.

- Managed AWS infrastructure for load-balanced application service endpoints on approximately 50 EC2 instances in 5 regions across the world.
- Improved application performance by implementing an immutable Kafka message queue on Strimzi Operator on EKS.
- Deployed Prometheus Operator, Grafana, and ELK stack for observability.

### **DevOps Engineer, Chumura Economics and Analytics, Cleveland, OH (May 2018 - September 2019)**

A team of PhD economists, statisticians, data scientists, mathematicians, and strategists publishing research on the forefront of applied economics and data science.

- Managed 35+ Windows Servers for a custom .Net ETL pipeline, processing monthly, quarterly, and annual federal jobs data.
- Worked directly with the CTO to deploy Elasticsearch on AKS to enable full-text search for the company SaaS product, JobEQ.
- Implemented Prometheus monitoring and Grafana dashboards for .Net applications to measure performance and identify issues.
- Owned CI/CD Azure DevOps pipelines

### **Yoga Sabbatical, Mount Madonna Center, Santa Cruz, CA (Jan 2014 – May 2018)**

- Windows, Cisco administration and organization development
- Classical ashtanga yoga studies

## **Systems Administrator, Various Financial Companies, Cleveland / Columbus, OH (Mar 2000 – Dec 2013)**

- Consulted on enterprise projects as systems expert
- Data Center and Multi Service Provider Experience
- Matched server specs to n-tiered application designs, participated in on call support, racked and cabled servers

## **Education**

### **Bachelor of Science in Computer Information Systems**

DeVry University '03, Columbus, OH

## **Certifications**

- Certified Kubernetes Administrator LF-7ta5ervgun, 2/2022 - 2/2025
- Google Professional Cloud Architect 62634255, 11/2022 - 11/2024
- HashiCorp Certified: Terraform Associate 2/2022 - 2/2024
- HashiCorp Certified: Vault Associate 9/2022 - 9/2024

## **Technical Skills**

- Cloud Platforms & Services: AWS, Azure, GCP, Cloud Adoption / Well Architected Frameworks
- IAM: Azure App Registrations, Azure Service Principals, Workload Identity Federation, Java Web Tokens, Google Service Accounts, Google Service Account Keys, Workload Identity Pools
- Infrastructure as Code & DevOps: Terraform, Helm, Azure DevOps, GitHub Actions, CI/CD, GitOps, VCS and CLI Workflows, Developer Self-Service
- Containerization & Orchestration: Kubernetes (AKS, EKS, GKE), Docker, Helm, Flux CD, Cert Manager, Secrets, and Workload Identity Management
- Networking & Security: Subnetting, CIDR, BGP, VLAN Tagging, Load Balancing, AWS Transit Gateway, Azure VWAN Hub, Azure Firewall, Azure Hub and Spoke, GCP Shared VPC, TLS 1.3, Zero Trust, IAM (AWS, Azure, GCP), OAuth2, OIDC
- Monitoring & Secrets: ELK Stack, Prometheus, Grafana, Opsgenie, Vault, Azure Key Vault, Google Secret Manager
- Scripting & Programming: Bash, DotNet, Python, YAML