

# Logan Davis

Cloud Infra Engineer with over 6 years of experience in GCP. Extremely passionate, self-driven engineer who embraces new challenges. Excels at cross-team collaboration and coordinating with cloud providers' engineering teams to solve problems.

## EXPERIENCE



**Sift, (Remote) - Senior Software Engineer, Core Infrastructure**

Aug 2022 - PRESENT (2 years 5 months)

- Owned the largest company database, Bigtable, which stored petabytes of data and processed hundreds of thousands of requests per second. Handled multiple incidents requiring data recovery as well as table/cluster migrations.
- Lead a multi-phase secrets migration from salt pillars with GPG keys to Hashicorp Vault with auto-key rotation.
- Re-configured the access control of Bigtable, Snowflake, and general GCP IAM to better integrate with our SSO provider and adhere to least privilege.
- Over the course of several years, contributed millions in annual cloud cost savings by optimizing systems.



**Sift, (Remote) - Software Engineer, Core Infrastructure**

Oct 2020 - July 2022 (1 year 10 months)

- Migrated an expensive multi-terabyte self-managed Memcached GCE Cluster to GCP managed Memorystore cluster while also saving costs.
- Coordinated the upgrade process from Ubuntu 16 Xenial to Ubuntu 20 Focal across the entire engineering organization.
- Contributed to the hiring process, mentored an intern, and handled numerous onboarding/offboarding events.
- Participated in SOC2 interviews and ISO 27001 audit evidence gathering.



**NS8, (Remote) - Software Engineer, Site Reliability**

Jun 2020 - Sep 2020 (4 months)

- Departed only from the dissolution of the company.
- Improved Honeycomb OpenTelemetry integration to have complete and accurate tracing to assist with incidents and debugging.
- Refactored AWS IAM roles and groups in terraform to restrict access and permit cross account resource access.
- Monitored and initiated multiple weekly deployments.
- Identified and worked to remedy numerous security risks found in our public API.



**Labor Saver, (Springdale Arkansas) - Co-Founder**

May 2018 - Apr 2020 (2 years)

- Built in its entirety, multiple cloud connected products that still serve customers today.
- Utilized CircleCI to test and deploy node.js code to GCP App Engine to manage and serve requests.
- Created payment gateways integrated with PayPal and Stripe to both charge customers and process payments on their behalf.

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## SKILLS

Terraform | Vault | Atlantis | Saltstack  
| Grafana | Packer | Bosun | Airflow |  
CircleCI

GCP | Bigtable | Memorystore |  
Memcached | Redis | Snowflake |  
PubSub | GCE | IAM | Stackdriver |  
GKE | Dataflow

Cost Savings | SOC2 Audits |  
Cross-team Communications | GCP  
Engineering Team Collaboration |  
Google Next Conference Knowledge  
Sharer

Multi-Region Support | Audit log  
Enablement | Incident Response |  
Access Control | Okta Integrations

## EDUCATION & ACHIEVEMENTS

**University of Arkansas, 2016 - 2019**

Bachelors in Computer Science

Minor in Information Systems

**Contributed to US Patent**

**11777962, Filed 2022**

Supported development of a  
machine learning based bot detection  
system by provisioning and  
supporting Flink clusters in GKE.

**Saved \$2.3M in Annual Cloud  
Costs, 2023**

Optimized cloud infra to save an  
estimated 2.3 million dollars a year  
for Sift, realized in 2023. This was  
done by optimizing datastore scaling,  
tuning offline workflow snapshot  
utilizations, and other improvements.