

Michael Chasse

Resident Solutions Architect · HashiCorp Vault, Terraform & HCP · Multi-cloud platform & security automation

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SUMMARY

HashiCorp Resident Solutions Architect embedded with large banks, a Fortune 50 enterprise and a major energy utility, guiding Vault, Terraform Enterprise and HCP adoption from executive strategy to hands-on implementation. Ten years of cloud platform engineering and leadership across AWS, Azure and GCP, with deep expertise in secrets management, identity integration (OIDC / Entra ID), infrastructure as code and CI/CD for highly regulated environments. Integrates AI into modern DevOps workflows: agentic coding assistants, MCP integrations and self-hosted LLM infrastructure, built and run on a private cloud at home.

Target roles: AI / platform engineer / DevOps, SRE or cloud engineer / Solutions architect.

EXPERIENCE

Resident Solutions Architect HashiCorp, an IBM Company, Orlando, FL · Remote May 2025 - Present
Embedded advisor to large financial institutions, a Fortune 50 enterprise and a major energy utility for Vault, Terraform Enterprise and HCP.

- Trusted embedded advisor for Vault, Terraform Enterprise and HCP, plus Packer, Consul, Nomad and Boundary, from strategy through implementation.
- Advise executive and platform leadership on cloud operating model adoption, multi-cloud strategy, governance and ROI, translating product capability into business outcomes for practitioners through CxO.
- Architect and deliver greenfield and modernization initiatives: Vault Secrets Sync, Microsoft Entra ID (OIDC) developer access to Vault, and multi-data-center Vault, Consul and Terraform Enterprise reference architectures.

Site Reliability Engineer / Sr. Systems Administrator Fortress Information Security, Orlando, FL · Remote Aug 2023 - May 2025
Multi-region AWS platform, Vault and automation for a security company; promoted to SRE in December 2024.

- Designed and implemented a multi-region, multi-AZ AWS infrastructure for the enterprise IT organization using Terraform, optimizing for reliability, security and cost; promoted to SRE in December 2024.
- Architected and implemented HashiCorp Vault for DevOps and customer deployments, integrating secrets management into CI/CD pipelines.
- Built Ansible automation for system deployment and maintenance, Docker/Podman microservices (SMTP relay, Traefik, proxies) and Terraform-managed AWS multi-account connectivity, replacing static IPsec tunnels.

Sr. Server Systems Engineer Kessler Collection, Orlando, FL Jun 2022 - Jul 2023
• Led a complete re-architecture and rebuild of the VMware vSphere environment, including servers, SAN storage and UPS, supporting 11 hotel properties running Oracle Opera PMS; designed HA/DR with VMware SRM and Oracle Data Guard.

- Upgraded Oracle Opera 5.4 to 5.6 with on-site migrations at each property and replaced physical workstations with VMware Horizon virtual desktops.
- Implemented enterprise backup (Dell APEX / Druva), SolarWinds monitoring and IPAM with PagerDuty, and a data center redesign for power and network fault tolerance.

IT Infrastructure Manager Forcura, Jacksonville, FL Nov 2021 - May 2022
• Managed the IT engineering team supporting all infrastructure, from enterprise engineering through DevOps, across AWS, Azure and GCP.
• Directed DevOps delivery to AWS (ECS, Elastic Beanstalk) with Git and Jenkins; championed Terraform and Ansible for automated environment builds and cut spend with scheduled environment shutdowns.

Sr. Cloud Engineer SecureNet Technologies, Orlando, FL Jan 2021 - Nov 2021
• Supported and improved AWS and Azure infrastructure with a long-term CI/CD strategy built on EKS, Ansible and Docker.

Cloud Operations Engineer Oracle, Orlando, FL Jan 2018 - Jan 2021

- Principal cloud engineer for Oracle Cloud at Customer, supporting access-controlled platforms for banking and DoD clients.

Cloud Operations OS Manager Ellucian, Lake Mary, FL Jul 2015 - May 2017

- Managed 11 Windows and Unix administrators supporting 400+ higher-education clients and 5,000+ servers across a colocated data center, AWS and client sites; implemented a ground-up CI/CD and automated AML pipeline with Ansible and Jenkins.

Sr. Systems Administrator, Cloud Services (Linux) Ellucian, Orlando, FL Mar 2014 - Jun 2015

- Senior Linux administration for hosted higher-education platforms in Ellucian's cloud services organization.

Systems Administrator III (contract) SunGard Public Sector, Lake Mary, FL Jun 2013 - Feb 2014

- Cloud infrastructure and systems architecture design; VMware, SAN and Windows AD administration; PCI DSS compliance and IT project management.

Earlier career: Principal Technologist, HD Supply (May 2012 - Oct 2012); Production Data Center Manager, Radixx International (May 2008 - May 2012); Network Engineer (contracts incl. Siemens, Harris, Rockwell), TEKsystems (2000 - 2007); Systems Administrator, Terion (1996 - 1999).

PROJECTS (SELECTED)

AegisX9 (<https://www.xeronine.com/projects/aegisx9/>) (Creator and lead engineer, 2026 - present): Secure AI gateway with governance for the enterprise.

LearnOrlandoTutoring.com (Author, 2026): A verified tutor-profile directory for Central Florida educators.

SKILLS

HashiCorp & secrets: Vault, Terraform Enterprise / HCP, Consul · Nomad · Boundary, Packer · golden images, Secrets management · PKI

Cloud & IaC: AWS multi-account / multi-region, Azure (Entra ID) · GCP, Terraform, Ansible, CI/CD · Jenkins · GitHub

Containers & platform: Kubernetes (k3s), Docker · Podman, VMware vSphere · SRM · Horizon, Red Hat Enterprise Linux, Proxmox

AI & agents: LLM agents · MCP, Agentic coding assistants (Claude Code), Self-hosted / local LLMs, AI-augmented DevOps

Security & identity: Zero trust · SSO · OIDC, PCI DSS, CIS hardening, Security+ practices

Observability & ops: SRE · monitoring · alerting, DR / BCP, Python · Bash, Embedded (ESP32, ESP-IDF)

CERTIFICATIONS

CompTIA Security+ ce (SY0-701) CompTIA 2024 - 2027

AWS Certified Cloud Practitioner Amazon Web Services 2024 - 2027

Terraform Practitioner Advanced (HashiCorp badge) HashiCorp / IBM 2026 - 2027

Vault Practitioner Advanced (HashiCorp badge) HashiCorp / IBM 2026 - 2027

Nomad Intermediate (HashiCorp badge) HashiCorp / IBM 2026

PREVIOUSLY HELD

HashiCorp Certified: Terraform Associate (003) HashiCorp 2024 - 2026

EDUCATION

High school diploma, Gar-Field Senior High School (1988 - 1992)

LANGUAGES

English (native), German (professional)

VOLUNTEER

Cubmaster, Boy Scouts of America (2016 - 2022)

<https://www.xeronine.com/resume/> · updated 2026-10-21