

Jeffrey F. Blank

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Professional Summary

Networking and systems professional with expertise in traditional and cloud networking and automation of infrastructure and services

Skills Summary

Juniper, Junos, ethernet, IPv4, IPv6, BGP, OSPF, IPsec, L4/L7 load balancing (anycast, F5 BIG-IP), DNS, Linux, PostgreSQL, golang, docker, terraform, ansible, Google Cloud

Employment Experience

Zonar Systems

Site Reliability Engineer, November 2020-February 2025

- Implemented Google Cloud IPsec VPNs and other GCP networking resources in terraform to connect to a datacenter and to a service provider, allowing us to seamlessly migrate service provider connectivity from our datacenter to GCP
- Developed Gitlab pipelines to support the terraform work
- Created Datadog dashboards and alerts to improve performance and service monitoring

New Relic, Inc.

Site Reliability Engineer, September 2016-June 2020

- Developed a rails app to manage Arista routers and their configurations and used it to serve initial configurations via the routers' "zero-touch provisioning" system. This was a huge toil and time savings for the team, as it allowed routers to be provisioned with minimal actions in time for deploying two new datacenters.
- Developed several apps using go and docker to collect metrics from F5 load balancers, giving everyone greater visibility into performance and potential issues
- Led the engineering effort to migrate services from two older F5 BIG-IP clusters to newer hardware; worked with support and engineering teams to ensure smooth transitions
- Coached teammates who were unfamiliar with F5 operations

Michigan Technological University

Sr. Network Administrator, May 1997-August 2016

- Led campus network design projects to implement new technologies and improve network architecture and performance
- Developed and maintained automated (database-driven) and web-based network-management and service-management tools
- Coached junior engineer on network engineering topics

Wavelength Interactive Communications, LLC

Partner/Architect/Developer, April 2006-December 2021 (part-time)

- Developed WWW, DNS, e-mail, and database services from the ground up
- Developed web+database applications for internal business processes and for use by clients

Education

Bachelor of Science in Computer Science, Michigan Technological University