Maximilian Weitz

Weitzmax15@gmail.com | https://www.linkedin.com/in/max-weitz/

PROFESSIONAL SUMMARY

Energetic and upbeat Senior DevOps Engineer known for diving headfirst into problems and getting things done. I bring lightheartedness and positivity to the environments I work in. I am highly technical, extremely collaborative, and heavily action oriented. I love being challenged and throughout the past few years have been able to leverage both my technical and interpersonal skills to lead DevOps initiatives + adoptions!

WORK EXPERIENCE

Senior DevOps Engineer@HistoSonics, Plymouth MN   SEP 2024 - PRESENT
- Architect and consult with Lead Software Architect for designing and implementing scalable, secure, and performant IoT solutions in Azure. Take an IaC first approach, limiting manual efforts and future overhead through tools like Terraform, Azure Policy, and Azure DevOps pipelines.
- Integrate code testing, building, deploying, and documenting within CI/CD pipelines for achieving streamlined development.
- Architect and implement Azure Landing Zone architecture to support long-term scaling of our IoT solution.

Lead DevOps Engineer@Tactile Medical, Minneapolis MN   JAN 2024 - SEP 2024
- Automate processes for configuring infrastructure and deploying code across multiple platforms (e.g., Kubernetes, Virtual Machines, App Center, Azure Functions) using tools like Terraform, Helm charts, and Azure DevOps pipelines, significantly reducing manual intervention, lead time, and errors.
- Act as an Azure Subject Matter Expert (SME), facilitating the shift from on-premises environments to Azure. Provide key guidance and ensure adherence to industry standards and best practices, resulting in a seamless migration and improved cloud adoption.
- Champion a cloud-first approach for architecting, implementing, and deploying new products and solutions, aligning with organizational goals and industry trends.
- Configure load balancers, network security groups, virtual networks, and subnets, route tables, etc. ensuring optimal and secure request routing.
- Achieve significant Azure cost savings by right-sizing Kubernetes infrastructure + related resources, reducing monthly spend by ~53% for self-hosted Retool platform.
- Ensure all new projects are implemented using infrastructure as code (IaC) adhering to Microsoft Defender for Cloud recommendations.
- Mentor a DevOps Engineering intern, guiding them in establishing best practices, developing documentation, and building tools to enhance team productivity.
- Reduce lead time for developers to begin deploying code by being the go-to person for launching new infrastructure and projects, streamlining the initial setup process.

DevSecOps Engineer@Willdan Group, Minnetonka MN   APR 2023 - DEC 2023
- Reduced application build and deployment times by up to 85% by leading the CI/CD pipeline project (35+ pipelines across 3 products) which results in shorter lead time and deliverables by our Development teams.
- Achieve savings of $40,000+/yr in increased efficiency by automating processes otherwise performed manually by Development and Operation team leads.

- Work with development teams to integrate DevOps processes and culture into their workflows to increase efficiency and collaboration.
- Write PowerShell scripts to reduce manual efforts of system administration by the DevOps team within our Windows environments.
- Write programs/scripts in GoLang and Python to interact with the Azure DevOps REST API automating auditing as well as CI/CD pipeline execution, leading to increases in developer efficiency.

DevOps Engineer@Midland Credit Management, Saint Cloud, MN   JULY 2022 - APR 2023

- Implemented a streamlined AWS Lambda deployment process by combining Terraform with CI/CD, reducing AWS cloud infrastructure deployment times which resulted in a 60% improvement over the old process.
- Used Terraform to configure essential AWS cloud networking infrastructure, including security groups, route tables, and ALBs within the AWS Virtual Private Cloud (VPC) environment to ensure consistency and security across our AWS environments.
- Designed and maintained AWS Identity and Access Management (IAM) roles, policies, and documents to maintain adherence to access control best practices.
- Wrote Ansible playbooks and roles to be run against our on-prem Windows environment for use in auditing as well as configuration management.

- Spearheaded new projects on AWS by acting as Terraform SME within the Development team ensuring on-time deliverables in Agile environment.

Technical Skills/Competencies

- Tools/Platforms: Azure, Terraform, Git/Github, Docker, Azure DevOps, Microsoft SQL Server, AWS, Linux
- Programming/Scripting Languages: Powershell, Go/GoLang, Bash

EDUCATION

B.S. Information Systems, Saint Cloud, MN   AUG 2017 - DEC 2021

CERTIFICATIONS

- AWS Solutions Architect Associate   MAR 2023
- Terraform Certified Associate   FEB 2023