Jeremy R McIntyre
Lead Cloud Infrastructure Engineer
Cincinnati, OH

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SUMMARY

Experienced Cloud Infrastructure Engineer specializing in Docker, Kubernetes, GitOps, and AWS, with a focus on scalable solutions and IaC

SOFTWARE/SKILLS

Cloud Platforms: AWS (EKS, EC2, S3, SNS, AMQ) •
Containerization & Orchestration: Docker • Kubernetes • Helm • Helmfile • ArgoCD • Replicated •
Infrastructure as Code (IaC): Terraform • Terragrunt • CloudFormation •
CI/CD & Automation: Jenkins • GitHub Actions • CodePipeline • ArgoCD Image Updater • GitOps • Python • Bash •
Monitoring & Observability: Datadog • Prometheus • Grafana • Honeycomb • Robusta • SumoLogic • AppDynamics •
Networking: AWS Networking • General Networking Concepts

PROFESSIONAL EXPERIENCE

SCYTHE, Miami, Florida (Remote)
Senior Platform Engineer
January 2023 – Present

- Spearheaded the implementation of GitOps to streamline the binary installer build process for SCYTHE's on-prem Windows application, significantly improving deployment efficiency.
- Facilitated the deployment of the SCYTHE platform to AWS infrastructure, playing a pivotal role in transitioning the company towards a SaaS model, specifically deploying to Amazon EKS.
- Key role in migrating from a monolithic repository and Windows installer model to a containerized microservice architecture, enhancing scalability and maintainability.
- Developed and maintained Helm charts for all services, enabling automated deployments via ArgoCD and ArgoCD Image Updater, contributing to a fully hands-off build and deployment process.
- Developed and maintained DRY IaC using Terraform/Terragrunt and CloudFormation, ensuring efficient and consistent infrastructure provisioning.
- Assisted in building and deploying microservices using Replicated for on-prem customers, while leveraging EKS for SaaS deployments.
- Actively contributed to customer success initiatives by addressing and resolving customer issues, enhancing satisfaction and service reliability.

Finite State, Columbus, Ohio (Remote)
Lead Infrastructure Engineer
July 2021 – December 2022

- Provided DevOps/SysOps support for maintaining AWS production/non-production environments and local development environments on the Platform Operations team.
- Built and supported CI/CD solutions for new and existing apps.
- Refactored the codebase of a multi-tenant SaaS application to enhance functionality and enable single-tenant instance deployment for customers.
- Deployed applications and infrastructure using AWS Terraform/CloudFormation, CodePipeline, and GitHub Actions.
- Trained incoming infrastructure/platform engineers and participated in regular code reviews for peers.
- Migrated critical global search infrastructure code from CloudFormation to Terraform.
- Collaborated closely with developers to architect infrastructure solutions for new applications.
- Migrated ECS services to EKS utilizing Helm/Helmfile and ArgoCD.
- Enabled local app, infrastructure, and platform development via Kubernetes in Docker (KIND).
- Developed and maintained multiple on-prem solutions, including air-gapped environments using Replicated.

Apex Supply Chain Technologies, Mason, Ohio
DevOps Engineer
March 2018 – July 2021
- Supported and deployed patches to containerized java web applications hosted in AWS and Azure
- AWS EKS/kubernetes administration, managed access into environments for applications and users
- Maintained and supported Docker and K8s environments.
- Administered Apex's self-hosted Nexus image and artifact repository.
- Deployed and administered resources AWS SNS, AMQ, S3, and EC2
- Established and maintained structured Git repositories for internal tools, automation scripts, and documentation, enhancing version control practices and collaboration.
- Created and maintained deployment scripts and CI/CD pipelines using Jenkins.
- Collaborated with development and database teams on application requirements and code changes.
- Instrumented applications with monitoring tools to measure performance and uptime.
- Provided on-call production support, managing environment health and critical incidents.

Apex Supply Chain Technologies, Mason, Ohio
Computer Systems Engineer
April 2015 – March 2018
- Triaged support ticket queue
- Collaborated with infrastructure, security, and network teams on projects
- Monitored antivirus and security reports
- POC for security incidents
- Scripted installation and removal of commonly used software
- Managed active directory; domain account administration
- Managed Office 365 accounts
- Trained new interns and Co-Ops
- Configure and deployed endpoints including laptops, desktops, cell phones, and desk phones
- Windows and Linux server host monitoring and security patching

SpliceNet, West Chester, Ohio
Infrastructure Support Specialist
August 2014 – April 2015
- Contracted to Bilstein for staff augmentation and training of new Co-Ops
- Supported and maintained Windows Server and endpoints for over 20 customers remotely and onsite as needed
- Implemented and maintained data backup and recovery solutions for a majority of customers
- Worked with vendors to support specialized productivity applications in production and law firm environments
- Deployment, administration of Office365
- Deployment and administration of endpoint management tools
- Available for on-call and remote support

Bilstein of America, Hamilton, Ohio
IT Support Technician
5/01/2012 – 7/31/2014
- Provided technical support to end users in a fast-paced production environment, managing the helpdesk ticket queue and resolving hardware and software issues.
- Automated PC deployments, managed antivirus software, and scripted network-wide software installs and patches.
- Administered Active Directory, Exchange, and mobile device management (Verizon and AT&T).
- Deployed and supported CAD software (Catia, SolidEdge, AutoCAD) and audited workstations for compliance.
- Documented IT processes, ensured 5S compliance, and trained new IT co-ops.