

Justin Collins

Experienced DevOps Engineer looking to increase my knowledge with emerging cloud technologies, focusing mostly on reliable, scalable, cloud infrastructure. Looking for a challenging role to build my skillset, working on talented engineering team.

[CONTACT](#)

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EXPERIENCE

Motion Industries, Birmingham, AL

May 2024 – Present

Site Reliability Engineer III

Working with multiple teams, including Cloud Engineers, other Site Reliability Engineers to modernize legacy infrastructure and expand the Motion Industries Cloud Architecture using Kubernetes in Google Kubernetes Engine (GKE) and Helm. Also working to establish Site Reliability processes and monitoring via Datadog.

- Helping direct and administer the implementation of Datadog for the Organization.
- Migrating logs and metrics from other third-party tools into Datadog.
- Using Terraform to build GKE Clusters in GCP.
- Working with development teams to migrate their GCP Cloud Run applications into GKE using Helm.

Zelis, Remote

October 2023 – March 2024

Site Reliability Engineer

Assisting with the migration of a substantial web and API application to Kubernetes on AWS, implementing observability and metrics through Datadog using GitOps practices, and streamlining deployment processes by leveraging GitHub Actions for CI/CD pipelines in conjunction with Kubernetes Helm charts.

- Collaborated with team members to migrate Ruby on Rails web applications from hosting on EC2 to Kubernetes hosted in EKS.
- Worked with Terraform, ArgoCD, and Github Actions to build out EKS infrastructure utilizing pull request based environments for testing.
- Worked with Terraform to migrate existing observability and monitoring in Datadog to GitOps practices and change management tracking.

TECHNOLOGY SKILLS

- AWS
- Kubernetes
- Helm
- Terraform
- Crossplane
- Python
- Shell
- Go
- REST APIs
- Git/Github
- Docker
- Linux
- Okta
- Argo CD
- Octopus Deploy
- Datadog
- Jenkins
- Microsoft Windows Server
- PowerShell

RxBenefits, Birmingham, AL

August 2021 – October 2023

DevOps Engineer II

Designed, documented, and assisted in the development of large client and core features which ensured a balance between core functionality and custom client requirements.

- Collaborated with team members to migrate our AWS Application Architecture from EC2 to Kubernetes hosted in EKS.
- Collaborated with team members to create a new CI/CD system using ArgoCD and Argo Workflows.
- Worked with Java developers to help migrate the legacy RxBenefits Java webapp and microservices from being hosted on EC2 to being containerized using docker and deployed to Kubernetes using Helm and Docker.
- Performed research as well as a proof of concept for implementing a centralized logging tool using Datadog.
- Collaborate with Developers to help implement Open Telemetry for observability in our microservices.
- Worked to implement and train DevOps engineers to use Crossplane as our Infrastructure as Code (IaC) tool for deploying AWS resources as Kubernetes objects.
- Work with Developer sprint teams to deliver microservices written in languages Go, Java/Spring Boot, React. This includes creating AWS resources such as RDS/Aurora DBs, Dynamo DBs, S3 buckets, Lambdas, ECR Repos for Docker images, and Route 53 DNS using our IaC.
- Worked to implement an event driven architecture using Triggermesh.

RxBenefits, Birmingham, AL

December 2018 – August 2021

Sr. Systems Administrator

- Collaborated and mentored other team members in DevOps principles such as source control, GitOps, Infrastructure as Code like Terraform and Ansible, and Jenkins.
- Worked with development and leadership on original Architecture Design for RxBenefits' Infrastructure in Amazon Web Services (AWS).
- Worked with developers, IT Operations, DevOps, and leadership to migrate RxBenefits' on-prem and co-hosted infrastructure to AWS. This included migrating a multi-terabyte MySQL database, application servers, document server, and FTP servers.
- Worked as project lead on implementing Okta with RxBenefits and collaborated with development to use it as our IDP for the RxBenefits web applications.
- Worked with new development teams on the next iteration of RxBenefits' applications. This involved working with them on cloud container stacks in AWS ECS.
- Administered and supported RxBenefits servers and systems, including configuration, upgrades, backups, and patching.
- Managed RxBenefits on-prem VMware infrastructure as well as 3rd party cloud infrastructure (vCloud IaaS).

ADDITIONAL RELEVANT EXPERIENCE

Jenkon, Birmingham, AL. – DevOps Engineer/SCM Manager (Microsoft Azure, Jenkins, Git, PowerShell)

Casamba/SourceMed, Birmingham, AL. – Prod Support App Specialist / DBA Engineer (SQL Server, PowerShell, VB Script)

Daxko, Birmingham, AL – Software & Systems Configuration Engineer (AWS, PowerShell, Jira, SQL Server, Windows Server, IIS)

EDUCATION – ITT Technical Institute, Bachelor of Science