

Joshua Michael Martin

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Objective

Seeking to lead a small group of SRE/DevOps engineers to reduce toil, and enable dev teams

Experience

Cvent

Lead Site Reliability Engineer: March 2024 - Present

Tysons, Virginia

- Leading AWS CDK v2 upgrades and delivering them on time leveraging Big Picture
- Migrating Acquisitions - Lambda/S3 SME
- Companywide S3 SME - Cost Optimization, Object Recovery, Best Practices
- Lead Project Planning and Standups for team of 8 SREs

Senior Site Reliability Engineer: August 2019 - March 2024

Atlanta, Georgia

- Migrated Over 60TB of s3 Data using Cross Region Replication for disaster recovery
- Leveraged AWS CDK to migrate over 60 nodeJS micro-services between AWS accounts
- Building and maintaining a CircleCI Orb for repeatable deployment pipelines
- Support multiple development teams through on-call rotation
- Lead Production outages as a member of the Incident Commander on-call rotation

Capital One

McLean, Virginia

TDP Cyber Security Engineer: July 2017 – July 2019

- Automated AWS Infrastructure
- Containerized applications using Docker
- Developed security tools for Red and Blue teams

Projects

Account Migration: Moving an Acquisition Into A Cvent Standard AWS Account, Cvent

- Creating IaC and Improving Security Standards on Existing Infra
- Deploying ECS/Lambda/Elasticsearch/s3 and other large Components
- Validating and Solving Issues During Testing and Cutover Phase

OpenVPN: Connecting Cloud-Based CI/CD Pipeline to Internal Infra, Cvent

- Implemented OpenVPN Solution for CircleCI to reach internal networks
- Wrote repeatable code via a CircleCI Orb - Defined once and used everywhere

Skills

AWS CDK - Typescript | Docker | AWS | Python | Cloudformation | CircleCI

Education

Georgia Institute of Technology, May 2017

Atlanta, Georgia

- B.S. in Computer Engineering

Certifications

AWS Certified Solutions Architect Associate – May 2018 – May 2020