

Joshua Michael Martin

Arlington, VA | U.S. Citizen | joshmartinsre@gmail.com | joshmartin.cloud

Summary

Lead Site Reliability Engineer with over 7 years of experience, building, operating and automating highly available, resilient AWS architecture. I help businesses reduce risk, improve the developer experience, and increase reliability of their most critical systems.

Experience

Cvent – Lead Site Reliability Engineer *Tysons, Virginia | March 2024 - Present*

- **Companywide AWS S3 SME** setting strategy for security, cost optimization, data recovery
- **Leading Cross-Cloud Migration** from Azure to AWS - AWS Datasync Data Migration
- **Delivering AWS CDK upgrades** across multiple products leveraging Big Picture Gantt chart
- **Leading project planning ceremonies** for global team of 8 SREs

Cvent – Senior Site Reliability Engineer *Atlanta, Georgia | Sept 2021 - March 2024*

- **Lead incident management processes** on-call during production outages
- **Building and maintaining CICD Pipeline** via CircleCI Orb for repeatable deployments across services
- **Leading cost optimization initiatives** saving ~200k/yr. On AWS S3 spend

Cvent – Site Reliability Engineer II *Atlanta, Georgia | August 2019 - Sept 2021*

- **Migrating Over 60TB of AWS S3 Data** using Cross Region Replication for disaster recovery
- **Migrating over 60** nodeJS micro-services between AWS accounts
- **Supporting development teams** through on-call rotation

Capital One – Cyber Security Engineer *McLean, Virginia | July 2017 – July 2019*

- **Automated AMI replacement** using Python/Boto3 AWS SDK library
- **Developed SEIM platform features** for incident management using NodeJS/Express/React/MongoDB

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 CICD 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

B.S. in Computer Engineering Georgia Institute of Technology, *May 2017*

Certifications

AWS Certified Solutions Architect Associate – *May 2018 – May 2020*