JJ MCMAHON

Enterprise Security Architect, Farmers Insurance

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🔗 https://resume.jjmcmahon.com 📍 Oklahoma City, Oklahoma Area

SUMMARY

I'm a self starter with 17 years experience in IT. I have spent 12 of those working with Public & Private Cloud Platforms. From security audits at a start up to standing up an IaC based landing zone for the Enterprise while building in security along the way. I love new challenges and using my social skills to better communicate and improve the lives of those around me in the workplace.

EXPERIENCE

Enterprise Security Architect

Farmers Insurance

📅 2023 - Present   📍 Remote

- Develop Secure patterns for Business Unit consumption
- Establish technical roadmap for Enterprise Security
- Review and Harden Architecture proposals
- Support Architecture Design for On-Prem to Cloud Migration
- Modernize Security Patterns for Apps migrating to the cloud
- Align Strategy to regulatory and industry constraints

Director of Platform Security

Farmers Insurance

📅 Present   📍 Remote

Farmers Information Security

- Establish Policy as Code practice
- Establish Event Driven Security practice
- Establish Observability via Splunk Dashboards & Datadog
- Develop Least-Privilege RBAC strategy
- Build Landing Zone with Terraform (AWS, Azure, GCP, zCloud)
- Establish GitOps process to build security into review process
- Successfully secure AWS, Azure and GCP landing zones built with Terraform

Director of Engineering, Cloud Services

Farmers Insurance

📅 02/2019   📍 Oklahoma City, OK

Core Engineering & Design

- Deploy AWS Landing Zone Environment
- Plan & Implement Account Structure for AWS Environment
- Establish DevOps Processes for Core Infrastructure team
- Helped establish a security baseline for AWS
- Establish IaC platform and processes
- Work with App Teams on Initial Deployment into AWS
- Establish Process & Procedure for AWS at Farmers
- Contribute to DevOps Community of Practice and ITIL Community
- Trained the team on Rally Agile tool

ACHIEVEMENTS

💎 **Successfully Deployed Terraform Landing Zone at Farmers**
This took several new technologies and major changes to the daily operational model to complete.

💎 **Successfully Stood Up AWS Environment for new Application**
This was a very complicated process at scale for GE and took learning a large amount of new technology and techniques.

💎 **Migrated 2000 Users from Chesapeake to 77 Energy**
We successfully set up and migrated all infrastructure and data for 2000 users in a 7 month window.

💎 **Obtained SAS70, SOC 1 and SOC 2 Compliance**
Our team started from scratch to obtain compliance

SKILLS

Technology

AWS	Okta	ServiceNow
Wiz.io	Azure	AWS Workspaces
Terraform	Dynatrace	Ansible
Github	GCP	Cloud Foundry
New Relic	Datadog	Jira

EXPERIENCE

Cloud Operations Production Engineer
Baker Hughes, a GE Company

📅 05/2017 - 02/2019   📍 Oklahoma City, OK

Bakes Hughes, a GE Company

- Plan, Deploy and Manage Cloud Infrastructure
- Deployment & Process Automation
- Integrate Monitoring & Alerting for all applications
- Develop & Document Process
- Develop IAM Policy and Procedure
- Work with Development team on Redundancy & Failure Points in AWS
- CI/CD Management & Refinement
- Infrastructure as Code using CloudFormation & Terraform
- Deploy Stackdriver in GCP & AWS
- Manage production application push and communication to stakeholders

Systems Engineer II
Seventy Seven Energy

📅 02/2015 - 05/2017   📍 Oklahoma City, OK

Responsibilities:

- Implement & Manage cloud applications and infrastructure
- Manage IaaS in vCloud Air, AWS EC2 and Microsoft Azure
- Manage Identity Access Management via Okta and AWS IAM
- Responsible for DR, retention and backup policies for SQL databases
- Utilize PowerShell and Ansible for process automation and scripting
- Manage Monitoring for all infrastructure with LogicMonitor
- Utilize Palo Alto Aperture, Wildfire and Panorama for Security Compliance
- Manage VDI environments in VMware DaaS and Amazon Workspaces
- Manage user file shares in Sharepoint Online, OneDrive for Business and Box

Senior Infrastructure Engineer
Host Analytics

📅 09/2010 - 01/2015   📍 Ponca City, OK

Responsibilities:

- Started as Systems Engineer and was promoted to IT Manager before being promoted to the Operations team
- Managed ESX environment for a 24/7 SaaS finance application
- Set up and managed monitoring via LogicMonitor and New Relic
- Managed Identity management via Okta
- Managed customer SSO integration with our application
- Worked on team to obtain SAS70, SSAE16, SOC 1 & SOC 2 compliance
- Used WhiteHat Sentinel to mitigate risks within our application
- Assisted on Sales calls with technical expertise
- Worked with India based Dev team on automation tools, code deployment and release management

SKILLS

Security

XSOAR	Wiz.io	Primsa Cloud
AWS Tools	Azure Tools	
GCP Tools	Qualys	Crowdstrike
Snowflake	Policy as Code	
NoName		

EXPERIENCE

IT Manager
Cupid Intimates

📅 02/2006 - 09/2010   📍 Blackwell, OK

Responsibilities:

- Started at intern and worked my way to IT Manager
- Managed Helpdesk for Oklahoma, New York, Pennsylvania, Nicaragua, Mexico and El Salvador Offices
- Managed Exchange Environment (upgrades from 2003 to 2007 then to 2010)
- Managed SwitchVox VoIP system
- Virtualized 60% of in house server environment with ESX and Managed Veeam Backup and Replication system

EDUCATION

Business Management
University of Central Oklahoma

📅 2006 - 2008

Social Science
Northern Oklahoma College - Enid

📅 2003 - 2005

- Played Varsity Baseball