**MICHAEL S. MASON**

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**SUMMARY AND PROFILE**

Experienced Army Veteran and Credentialed Qualified DoD Law Enforcement Officer, followed by a successful career spanning various industries. Demonstrated expertise in adapting to diverse environments, building cross-functional relationships, and delivering results across public and private sectors.

**TECHNICAL SKILLS**

* **Cloud Platforms:** Amazon Web Services (AWS) and Google Cloud Platform (GCP)
* **Infrastructure as Code (IaC):** Terraform, AWS CloudFormation
* **Automation & Orchestration:** Ansible, Docker, Jenkins, Kubernetes
* **Network & Security:** Cloudflare, AWS Security Hub, AWS Identity & Access Management, VPNs, Firewalls.
* **DevOps Tools:** Git, Jenkins, CI/CD pipelines, GitHub Actions
* **Monitoring & Logging:** CloudWatch, Prometheus, Grafana, ELK Stack
* **Scripting:** Bash, Learning Python

**PROFESSIONAL EXPERIENCE**

**Widney LLC – (Remote)**

Automation & InfraSec Manager

July 2018 – Dec 2024

Tasked with overseeing the infrastructure management for both the DevOps and SecOps departments across [StrongBlock.com](http://strongblock.com/) and [Merom.AI](https://merom.ai/).

* **Infrastructure Management:** Led the planning, deployment, and maintenance of cloud infrastructure on AWS, optimizing for high availability and cost efficiency.
* **Automation & IaC:** Implemented Terraform and AWS Cloud Formation, achieving 90% automation in infrastructure provisioning and reducing manual configurations.
* **Containerization:** Utilized Docker and Kubernetes to streamline application deployment, resulting in a 50% reduction in deployment time and improved scalability.
* **Security Best Practices:** Enforced security protocols using AWS Security Hub, IAM policies, and Cloudflare’s firewall solutions to protect against DDoS and other vulnerabilities.
* **Cost Optimization:** Identified and implemented cost-saving opportunities, reducing infrastructure costs by 20% through reserved instances, spot instances, and cloud storage management.
* **Monitoring & Incident Response:** Established a comprehensive monitoring framework using CloudWatch and Grafana, reducing incident response time by 40% and ensuring up-time SLAs.

**Projects:**

* **Automated Multi–Cloud Infrastructure:** Developed a Terraform–based solution to manage infrastructure across AWS and GCP, ensuring consistent configurations and policies.
* **Security Hardening with Cloudflare:** Created and implemented a security policy with Cloudflare, which included custom firewall rules, DDoS protection, and WAF configuration, leading to a more resilient network.
* **CI/CD Implementation for Containerized Applications:** Built a CI/CD pipeline to automate Dockerized application deployments on Kubernetes, enhancing deployment frequency and reducing manual intervention.

**BlockOne – Los Angeles, California**

Infrastructure Automation Engineer

Jan, 2018 – July, 2018

**TeenSafe – Santa Monica, California**

Cloud Infrastructure Specialist

Aug, 2016 – Jan, 2018

**Warner Bros. – Burbank, California**

Development Operations (DevOps) Engineer

Aug, 2015 – July, 2016

**MILITARY: ASSIGNMENTS, DEPLOYMENTS, CREDENTIALS, AWARDS AND MEDALS**

**Military Police 95/31B**

U.S. Army Reserve

Feb, 1995 – Oct, 2014

**Assignments:**

* Det 1, 363rd Military Police Co., Jane Lew, West Virginia
* 314th Military Police Co., Tustin, California

**Credentials:**

* Credentialed as a Qualified DoD Law Enforcement Officer

**Deployments:**

* With deployments (not limited to) Panama, Egypt, El Salvador, and Qatar

**Awards and Medals:**

* Army Commendation Medal
* Army Achievement Medal (2nd Award)
* Army Reserve Components Achievement Medal
* National Defense Service Medal (2nd Award)
* Armed Forces Reserve Medal w/“M” Device
* Army Service Ribbon
* Army Reserve Components Overseas Training Ribbon (3rd Award)

**EDUCATION AND OTHERS**

**Stratford University, Falls Church, Virginia**

Diploma, Enterprise Network Professional