MICHAEL S. MASON, Automation & InfraSec Manager

Burbank, 91504, United States, (323) 702–0290, vfw4life@gmail.com,
https://www.linkedin.com/in/masoncloud | https://mason.mp

Favorite Quote: "If you want a job done – and done right – hire a veteran." – President Obama #SOTU

Objective: To leverage over a decade plus of experience in Automation and Infrastructure Security to lead enterprise-wide IT initiatives that enhance operational efficiency, strengthen cybersecurity posture, and drive digital transformation. My goal is to architect and implement resilient, scalable infrastructure solutions while fostering a security-first culture through automation, risk management, and cross-functional collaboration.

Work Experience

07/2018 – 12/2024 | Automation & InfraSec Manager, Widney LLC | Remote, CA, USA

Assigned in support of the following remote entities: StrongBlock(.com) and Merom(.ai)

- Leveraged AWS and GCP Cloud offerings utilizing Docker, Kubernetes, and Rancher to enhance application deployment, resulting in a 50% reduction in deployment time and improved scalability.
- Drove the planning, deployment, and maintenance of cloud infrastructure on AWS, optimizing for high availability and cost efficiency.
- Executed Terraform and AWS CloudFormation, attaining 90% automation in infrastructure provisioning while significantly minimizing manual configurations.
- Instituted security protocols utilizing AWS Security Hub, IAM policies, and Cloudflare's firewall solutions to safeguard against DDoS attacks and other vulnerabilities.
- Diagnosed and executed cost-saving opportunities, achieving a 20% reduction in infrastructure costs through reserved instances, spot instances, and efficient cloud storage management.
- Formulated a comprehensive monitoring framework using CloudWatch and Grafana, decreasing incident response time by 40% while ensuring uptime SLAs.

01/2018 – 07/2018 | Infrastructure Automation Engineer, BlockOne | Los Angeles, CA, USA
- Achieved a 75% reduction in deployment cycle times by effectively leading a skilled DevOps team to implement a robust CI/CD pipeline utilizing Jenkins and Git tools.
- Boosted app performance by 30% by optimizing Docker containers and deploying Kubernetes.
- Drove a 60% reduction in team workload by automating repetitive tasks.
- Collaborated closely with key stakeholders on the comprehensive design and deployment of EOS Testnets, ensuring robust security and ongoing maintenance through innovative iterations.
- Integrated Cloudflare's robust security features, including firewall rules and caching mechanisms, to mitigate potential attack vectors while elevating website performance.

08/2016 – 01/2018 | Cloud Infrastructure Specialist, TeenSafe | Santa Monica, CA, USA
- Ensured consistently optimized environments across development, testing, and production by leading the strategic transition to containerized applications utilizing Docker technology.
- Optimized site performance and security via Cloudflare for DNS management and CDN.

08/2015 – 07/2016 | Development Operations (DevOps) Engineer, Warner Bros. | Burbank, CA, USA
- Installed and maintained Confluence for a 20-member DevOps team, fostering collaboration and knowledge sharing across the entire group.
- Developed sophisticated automated configurations using Terraform templates to provision robust AWS infrastructure, including instances, ELBs, RDS, and Security Groups.
- Managed all configurations and packages through Red Hat Satellite/Spacewalk server portals, ensuring compliance with internal security protocols and timely patching of vulnerabilities.
- Participated in collaborative efforts to migrate legacy applications to the AWS Cloud as part of management's long-term strategy while supporting various SaaS-based solutions.

06/2014 – 08/2015 | Cloud/Red Hat Administrator, SAG-AFTRA | Los Angeles, CA, USA
- Maintaining the Development, Test, and Production Linux server infrastructure environments. To include Microsoft Azure (Cloud). This includes hands-on management of Linux systems, which encompasses but

is not limited to: RedHat Satellite, RedHat Kick Start, Apache, MySQL, Tomcat, Geronimo, WebLogic, VMWare,

- SAN Storage, Symantec/Veritas NetBackup, NFS, OpenLDAP, BIND/DNS, Subversion, Git, and SNMP Management, and lastly, Administrate Drupal 7.
- Assist the Network/Security team in monitoring our Riverbed to monitor, troubleshoot, and analyze our Network performance, while making sure no one is currently abusing bandwidth limitations and caps.
- Pro-active system monitoring and auditing of all event logs and Tripwire events.
- Manage trouble tickets and provide timely resolution to problems by service level agreements.
- Researched security alerts, quickly respond or recommend a course of action to IT management as threats arise. While maintaining system patches and security. Ensure compliance with best practices and regulatory requirements, such as PCI compliance.
- Participate in project planning, implementations of security updates, and patches of RHEL and Ubuntu Servers.

Skills
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Microsoft/Win Azure (AD/SGs)
- Ubuntu 22.04, and 24.04 (LTS)
- Terraform
- Ansible
- Docker
- Jenkins
- Kubernetes
- Rancher
- Cloudflare
- AWS Security Hub
- AWS Identity & Access Management
- VPN (OpenVPN Server)
- Firewalls
- Git
- CI/CD pipelines
- GitHub Actions
- CloudWatch
- Prometheus
- Grafana
- ELK Stack
- Bash (Automation)
- Python (Beginner)
- Adaptability
- Results Orientation

Warner Bros. – Burbank, California
08/2015 – 07/2016 | Development Operations (DevOps) Engineer | Burbank, CA, USA
- Assigned to web hosting and supported app services, backups, networks, security, and internal audits.

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

02/1995 – 10/2014 | Military Police 95/31B | U.S. Army Reserve
- As a Military Police officer, you protect people's lives and property on Army installations by enforcing military laws and regulations.

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