Logan Mancuso

laC & Kubernetes Engineer loganmancuso.github.io | logan@mancuso.in | (803) 470-3985

Experience Summary

Specialist in automating rapidly deployable cloud infrastructure, with over 7 years of experience in IaC, Containerization, and DevSecOps methodologies. Demonstrated expertise in architecting, monitoring, and optimizing secure and scalable cloud environments. Excels in leveraging cutting-edge technologies to drive repeatability, and consistency across system architectures.

Key Skills

- Functional: Solutions Architect, Production Support, Team Management, Client Engagement.
- Programming: GoLang, Python, Java, C/C++.
- Infrastructure: Kubernetes, Docker Swarm, EKS/ECS, Podman.
- Automation: Terraform, Packer, Cloud-Init, Ansible.
- Scripting: BASH, PowerShell, ZSH, AWS cli, Azure cli.
- Networking: IPv6, NextGenFirewall, Stateful-Firewall, Wireshark/PCAP, BGP, DNS.
- Al & Machine Learning: OpenCV, TensorFlow, OpenMPI, Caffe, SLURM.
- Cloud: AWS, Azure, GitLab, GitHub, VSphere, Linode, Proxmox.
- Database: Postgres, Oracle, MySQL, MariaDB, Microsoft SQL.

Roles

laC Engineer

Architected Terraform automations to maintain a 99% SLA, scalable cloud infrastructure; spanning 5 regions, and 3 availability zones.

Sr. DevSecOps Engineer Lead a development team of 4, and grew SLA by 15%, implementing a Disaster Recovery environment with high availability.

Systems Administrator

Managed allocation of high performance nodes for University Researchers. Implemented a queue for compute jobs streamling batch job performance by 12%.

Higher Education

University of South Carolina, Columbia

Bachelor of Science in Computer Science

Azure-Hybrid & On-Prem State Government

AWS Cloud. Azure Cloud

On-Prem Air-Gapped

Certifications

Microsoft Azure: 900, 104, 304. Amazon Web Services: Certified Cloud Practitioner. Google Cloud Platform: Apigee Certified Security and API Developer. EngineerKit: L1 Mentor Certificate.

Personal Interests

- Proxmox IaC automation using OpenTofu, OpenBao: Wiki.
- ioT, edge-node computing.
- Dashboarding, metric, and data collection in Grafana.
- 3D Printing.