MICHAEL SASSO

Cloud Architecture | Automation | Cybersecurity | Leadership | Compliance Management

OBJECTIVE

A dedicated cloud and security specialist passionate about building secure, scalable solutions. With expertise in cybersecurity and cloud automation, I simplify complex challenges, lead collaborative teams, and drive innovation. I'm committed to delivering secure, compliant systems that enhance efficiency and inspire confidence.

EDUCATION

Cybersecurity – Cloud Computing

Purdue University - Global   January `22 - February `25

HIPAA-Compliant Data Pipeline using AWS for Secure PHI Management: Ensured secure storage, encryption, access control, and monitoring of PHI, while adhering to regulatory standards and best practices.

AWS | Azure | Linux Administration | Risk Management | Organizational System Security

EXPERIENCE

Electronic Technician

HNU Photonics | Kahului, HI   March `21 – September `22

- **Led cross-functional teams** to automate secure production workflows, ensuring system security and timely delivery of bio-chip solutions.
- Spearheaded the **design and integration** of **security protocols**, safeguarding **intellectual property** and operational data.
- Focused on **system compliance** with **regulatory frameworks**, improving **risk management** and secure documentation practices.

Terraform | Jenkins | Flask | CI/CD | Bash

Cloud Application Projects

- **Developed and deployed** secure, scalable applications using **AWS services** such as **Lambda, API Gateway, CloudFront**, and **S3**.
- **Designed Flask-based systems**, integrating **secure real-time data processing** for deep learning models in **production environments**.
- **Orchestrated CI/CD pipelines** to automate testing, **security updates**, and deployment, ensuring **continuous delivery** and operational resilience.

Kubernetes | PostgreSQL | Python | NGINX | Redis

COMMUNICATION

- **Simplifies complex cloud and security concepts** for diverse audiences, ensuring clarity for both technical and non-technical stakeholders.
- **Leads cross-functional teams** with clear communication, driving alignment and ensuring secure project delivery.
- Provides **critical updates on cloud security measures** and **compliance**, fostering **transparency** and **informed decision-making**.

Slack | Microsoft Teams | Jira | Confluence | Asana | Trello | Office 365 | Google Workspace

INFORMATION

🔗 linkedin.com/in/michael-sasso-0x00/

📖 https://github.com/sassom2112

✉ Michael.sasso111@gmail.com

📞 (440) 554-7378

📍 Kihei, HI 96753

ABOUT ME

I live on Maui, originally from Cleveland, and have traveled the world as a dive instructor. My passion for teaching and mentoring led me to train divers in becoming certified instructors, earning IDC (Instructor Development Course) and Instructor Trainer ratings. I've successfully managed dive operations, built repair facilities, and developed technician training programs, demonstrating strong leadership and team-building skills.

In 2020, I discovered a passion for programming and have since committed to a lifelong journey in cybersecurity and cloud technologies. Known for balancing multiple projects and consistently delivering high-quality results in fast-paced, zero-error environments, I thrive in the delicate process of training, mentoring, and supervising teams. My experience has given me valuable insights into effective management and team leadership. Feel free to ask me more!