

LUBERN FIGARO

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PROFESSIONAL SUMMARY

Results-driven DevOps/Cloud Engineer with a strong track record in designing and managing cloud infrastructure and automation solutions. Expertise in AWS, Kubernetes, and CI/CD pipelines, with a focus on streamlining operations and improving system reliability. Skilled in Terraform and CloudFormation, I am passionate about optimizing workflows through automation, transforming technical challenges into scalable, cost-effective solutions.

SKILLS

- **Cloud Platforms:** AWS, EC2, S3, RDS, Lambda | **Infrastructure as Code:** Terraform, CloudFormation, Ansible
- **Automation & Scripting:** Bash, Python, Java | **Monitoring:** Prometheus, Grafana, ELK Stack
- **CI/CD & DevOps Tools:** Docker, Kubernetes, Jenkins | **Expertise:** Microservices, API, GitHub, ArgoCD
- **Soft Skills:** Problem-solving, Communication, Leadership, Team Collaboration

EXPERIENCE

Moss Consulting, Inc.

DevOps Engineer

January 2023 – Present

- Spearheaded the design and deployment of scalable AWS and Kubernetes infrastructures, resulting in a 25% reduction in operational costs and improved scalability.
- Automated infrastructure provisioning using Terraform and CloudFormation, achieving a 60% reduction in maintenance time while maintaining 99.9% uptime for critical services.
- Enhanced data operations by automating DataOps workflows, improving data quality by 30% and reducing manual intervention by **25%** through scripting and orchestration tools.
- Overhauled CI/CD pipelines using Jenkins and GitHub Actions, which accelerated deployment cycles by 70% and streamlined testing, leading to quicker time-to-market for new features.

JJ Tech

Cloud Engineer

May 2022 – January 2023

- Engineered AWS-based solutions that optimized cloud resources, boosting operational efficiency by **30%** and improving resource management.
- Automated routine tasks using Python scripts, eliminating bottlenecks in workflows and reducing manual effort by 40%, significantly enhancing overall productivity.
- Designed and maintained a high-availability data processing system on AWS, achieving a 99.8% uptime rate, ensuring seamless operations and minimizing downtime.
- Implemented comprehensive disaster recovery plans, ensuring robust data security and continuous availability of critical business data.

CERTIFICATIONS

- AWS Certified Cloud Practitioner February 2024

EDUCATION

University of Wisconsin – Madison

Bachelor of Science in Human Development & Family Studies

May 2018

- **Leadership:** Varsity Football Team (2014-2018), Varsity Football MVP (2018)

PROJECTS

- **AWS Text-to-Speech Converter:** Engineered an automated solution using AWS Lambda and Polly to convert text into speech. Integrated APIs to streamline the processing of extensive data sets.
- **Word Lookup Application:** Developed a serverless app with AWS Lambda and DynamoDB, enabling real-time data scraping and dynamic content updates.
- **Video-to-Audio Microservices App:** Deployed a containerized microservices architecture on Kubernetes, leveraging Helm Charts for automation. Managed services for authentication, conversion, and notifications.
- **Taskify Web App:** Led the deployment of a productivity app on Kubernetes with ArgoCD and Kops, incorporating real-time monitoring via Prometheus and Grafana.
- **Cloud Infrastructure Automation:** Built a scalable platform using Terraform and AWS CloudFormation to automate cloud resource provisioning. Integrated CI/CD pipelines with Jenkins, reducing setup time by 60%, and implemented real-time monitoring with Prometheus and Grafana.

