

# LUBERN FIGARO

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## PROFESSIONAL SUMMARY

Results-oriented **DevOps/Cloud Engineer** with a proven ability to design, implement, and manage cloud infrastructure and automation solutions. Expertise in **AWS, Kubernetes, and CI/CD pipelines**, with hands-on experience in streamlining operations, reducing costs, and enhancing system reliability. Skilled in **Terraform, CloudFormation**, and **container orchestration**, with a passion for optimizing workflows through automation and continuous integration practices. Adept at transforming technical challenges into cost-effective solutions, resulting in enhanced scalability and efficiency.

## SKILLS

- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, EKS, etc.)
- **Infrastructure as Code:** Terraform, CloudFormation
- **Automation & Scripting:** Bash, Python, Java
- **Monitoring & Logging Tools:** Prometheus, Grafana, ELK Stack
- **CI/CD & DevOps Tools:** Docker, Kubernetes, Jenkins, GitHub Actions, Nexus, ArgoCD
- **Other Tools & Expertise:** Ansible, Microservices, API Development, AWS Lambda
- **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.
- Developed a robust **monitoring and logging framework** using **Prometheus** and the **ELK Stack**, improving system observability and detection of issues by **50%**.

### 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:** Developed an automated **text-to-speech** solution using **AWS Lambda** and **Polly**, integrating APIs for seamless processing of large data sets.
- **Word Lookup Application:** Built a **serverless application** using **AWS Lambda** and **DynamoDB**, incorporating data scraping and dynamic content updating.

- **Video-to-Audio Microservices App:** Deployed a fully containerized microservices architecture on **Kubernetes**, utilizing **Helm Charts** for automation and handling authentication, conversion, and notifications.
- **Taskify Web App:** Managed deployment of a productivity app on **Kubernetes** with **ArgoCD** and **Kops**, implementing real-time monitoring via **Prometheus** and **Grafana**.