Luis Martin Munguia Orta

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Experienced in driving Site Reliability Engineering (SRE), CI/CD, and IaC goals in AWS and Azure. Passionate about automation, containers, and teamwork.

Work Experience

Cloud/DevOps Engineer

Star Tribune Media Company, LLC. - Minneapolis, MN
May 2020 to August 2022

Implemented PHP migration to Docker. Sub-minute deploys with ECS/Lambda and API Gateway, resulting in five-fold increase in efficiency and stability for key revenue streams.
Migrated infrastructure across cloud providers ahead of IaC roadmap.
Orchestrated CI/CD and infrastructure provisioning in Ansible and Terraform up to DNS level.
24/7 on-call support with custom Splunk, Jira, and Slack plugins for prompt resolution across all parts of the stack.
Created sandbox test environments for developers with docker-compose.
Automate secrets rotation and IAM configuration for the dev team and applications. Configured networking and internal nameservers.

DevOps Consultant

Realogy Holdings - Edina, MN
June 2019 to December 2019

Downsized AWS costs by 25% for Fortune 500 by auditing EC2's and databases.
Automated config management and rightsizing in Powershell.
Planned and Implemented CI/CD pipelines in AWS for critical B2B applications.
Set up CloudWatch monitoring and alerting for all production EC2s.
Roadmapped ECS migration and containerized node applications.
Created websites and provisioned databases as requested.

DevOps Engineer

Clientek - Minneapolis, MN
January 2018 to June 2019

Implemented CI/CD, IaC pipelines with Azure ARM across 10 Agile teams.
Created deliverable proofs-of-concept for mobile and web apps in Python and Angular.
On-call as part of 24/7 incident response team.
Setup Azure monitoring and Sonarqube across all production.
Reviewed incoming code, lint with tech leads daily.

Machine Learning Developer, internship

Key Technology - Walla Walla, WA
June 2017 to September 2017

Experimental and highly technical work in a demanding food tech environment.

Developed a suite of statistical analysis and ML tools in Python in tandem with our research in ML vision. Our new model led to a breakthrough six-fold increase in food sorting efficiency for hyperspectral cameras.

Education

B.A. in Mathematics
Whitman College
2017

Skills

• Automation scripting (4 years)
• Ansible (4 years)
• Site Reliability Engineering (SRE) (4 years)
• Docker (4 years)
• IaC for AWS (3 years)
• Performance Optimization (4 years)
• Cloud Migration and Optimization (4 years)
• Continuous Integration/Delivery (4 years)
• Terraform (1 year)
• Linux (4 years)
• Python (4 years)
• Powershell (4 years)

Certifications and Licenses

Microsoft Certified Solutions Developer: App Builder
2019 to Present

Microsoft Certified Solutions Associate: Web Applications
2018 to Present