Martin Munguia

DevOps Engineer

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

Expertise

- Site Reliability Engineering (SRE)
- Cloud Migration and Optimization
- Continuous Integration/Delivery
- IaC for AWS
- Monitoring and Performance Optimization
- Automation scripting
- Environment Sandboxing

Studies

2017
B.A. Mathematics
Whitman College, WA

Certifications

2019
MCSD: App Builder
Microsoft

2018
MCSA: Web Applications
Microsoft

Contact

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509-240-3383

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Des Moines, WA

Work Experience

May 2020 - August 2022
STAR TRIBUNE MEDIA LLC
DevOps/Cloud Engineer

- Implemented PHP migration to Docker. Sub-minute deploys with ECS/Lambda and 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 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.

June 2019 - December 2019
REALOGY
DevOps | *consultant*

- 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.

January 2018 - June 2019
CLIENTEK
DevOps Engineer

- 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.

June - September 2017
KEY TECHNOLOGY
Machine Learning Developer | *internship*

- 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.