



MARTIN MUNGUIA

DevOps Engineer



CONTACT

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<https://munguia.lat>

STUDIES

2013–2017:
B.A. Economics–Mathematics
Whitman College, WA

CERTIFICATIONS

2021:
Scrum Master Certification
Scrum Alliance
2021:
MCSD–Microsoft
2019:
Application creation–Microsoft

SKILLS

- Dockerized Apps
- Infrastructure
- Monitoring
- CI/CD and IaC
- Security
- Analytics
- Cost Optimization

Always at the forefront of DevOps technology developing performant and reliable cloud architectures. Expert in AWS, Linux, CI/CD, containerization, and Infrastructure-as-Code.

EXPERIENCE

Tech consultant	<i>FREELANCE</i>	03/2023–06/2019
I offer software and web design consulting and keep a tech blog. I also maintain open-source projects for local communities.		
DevOps	<i>THE STAR TRIBUNE</i>	05/2020 – 08/2022
Oversaw the migration of monolithic PHP apps to an AWS cloud infrastructure by designing efficient and effective CI/CD methods and Docker architectures with monitoring and rapid incident response strategies. Managed cloud costs, security policies, and application performance.		
DevOps	<i>REALOGY (Contract)</i>	06/2019 – 12/2019
I developed PowerShell and CLI tools to optimize the performance and costs of over 300 EC2 servers, reducing AWS cloud costs by 30% and meeting SOC2 security guarantees.		
DevOps	<i>CLIENTEK</i>	01/2018–06/2019
I automated various aspects of application management, from code development to deployment and monitoring, for over a dozen Agile teams spanning multiple languages and frameworks. I assisted project leaders and technical staff with goal planning, architecture, and code review.		
ML Engineer	<i>KEY TECH</i>	06/2017–09/2017
I developed cutting-edge detection algorithms with artificial intelligence and Python leading to a 90% improvement in speed and accuracy of detection in chemometric cameras for the food technology sector.		