

# Joe Mendez-Hughes

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## SUMMARY

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Real-world experienced DevOps Engineer who has built secure, highly available platforms, infrastructure, and pipelines in start-ups as well as highly compliant, enterprise environments.

## SKILLS

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Kubernetes, Docker, CI/CD, Terraform, Jenkins, GitLab, GitHub Actions, Argo CD, AWS, Azure, Go, Prometheus, Grafana

## PROFESSIONAL EXPERIENCE

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### SENIOR DEVOPS PLATFORM ENGINEER

**Dynamo Technologies, Washington, DC**

*September 2023 - May 2024*

- Implemented multi-cloud Kubernetes clusters in AWS and Azure, reducing deployment times by **40%** and enhancing system availability to **99.95%**.
- Conducted performance tuning and optimization of Docker containers, resulting in a **30%** improvement in application response times.
- Created Terraform scripts to automate infrastructure, leading to **20%** reduction in manual configurations and increased compliance with federal standards.
- Assisted in the migration of legacy systems to modern AWS cloud/containerized environments, enhancing application portability and maintainability and reducing operational costs by **25%**.
- Developed CI/CD pipelines using Jenkins and GitLab, automating deployments and reducing release times by **40%**.
- Improved system observability by implementing logging and monitoring solutions with Prometheus and Grafana.

### SENIOR DEVOPS ENGINEER

**Deep Cloud IQ, New York, NY**

*July 2021 – September 2023*

- Utilized Terraform to build infrastructure on Azure, reducing setup times by **40%** and improving consistency.
- Designed and implemented CI/CD pipelines with Azure DevOps, facilitating continuous integration and automated testing across multiple environments.
- Containerized application services with Docker, resulting in **25%** faster deployments across all environments.
- Set up secure Kubernetes clusters on Azure, providing highly available services with a **99.9%** reliability rate.
- Collaborated with security teams to implement best practices, reducing security vulnerabilities by **50%**.

### SOFTWARE ENGINEER

**Millennial Shift Technologies, Phoenix, AZ**

*October 2020 – June 2021*

- Developed efficient and scalable SOAP and RESTful APIs, ensuring seamless communication between systems and improving overall performance.

### JUNIOR SYSTEMS ENGINEER

**Prize Logic – Scottsdale, AZ**

*February 2018 – May 2020*

- Collaborated with senior engineers to design and optimize microservices architecture, leveraging Docker and Kubernetes to efficiently containerize applications and manage distributed services at scale.

## EDUCATION

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### Computer Science

College of Southern Nevada, Las Vegas. NV

*January 2014 – May 2017*