

Luis Hernandez

Containerization DevOps Engineer

CONTACT

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United States, Chicago, IL

EDUCATION

2013 - 2017

Bachelor's Degree in Software Engineering

University of Chicago, United States

Red Hat Certified Specialist in Containers and Kubernetes

Red Hat, August 2021, Valid until: August 2024

Docker Certified Associate

Docker Inc., May 2020, Valid until: May 2023

PROFESSIONAL SUMMARY

DevOps Engineer with expertise in containerization and orchestration using Docker and Kubernetes. Over 7 years of experience in building, scaling, and maintaining containerized applications, optimizing performance, and ensuring high availability across distributed systems.

EXPERIENCE

Containerization DevOps Engineer 2020 - Now Red Hat Inc., United States, Chicago, IL

- Build and optimize Kubernetes clusters for high-performance applications using OpenShift and Helm, achieving 99.99% uptime.
- Design, build, and deploy containerized microservices using Docker, reducing server provisioning times by 50%.
- Implemented Kubernetes monitoring and alerting with Prometheus and Grafana, identifying resource bottlenecks and improving system performance by 20%.

DevOps Engineer 2017 - 2020 IBM Cloud, United States, Chicago, IL

- Developed containerized environments for legacy applications, increasing deployment speed by 35%.
- Automated the orchestration of container clusters with Kubernetes and Docker Swarm.

SKILLS

Containerization: Docker, Podman, LXC ★★★★★

Orchestration: Kubernetes, OpenShift, Docker Swarm ★★★★★

Automation Tools: Terraform, Ansible, Helm ★★★★★

Monitoring & Logging: Prometheus, Grafana, ELK Stack ★★★★★

ADDITIONAL PROJECTS

- Kubernetes Cluster Scaling:** Led the deployment of a scalable Kubernetes cluster across multiple AWS regions, increasing application redundancy and reducing latency by 20%.