

Luis Garcia Miramontes

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Profile

Cloud Engineer with 4+ years of experience building, managing, and optimizing cloud infrastructure across Oracle Cloud Infrastructure (OCI) and Amazon Web Services (AWS), configuring secure networking (VCN/VPC), and implementing IAM best practices. Strong foundation in monitoring, incident response, and full-stack development, enabling efficient collaboration across DevOps and application teams. Focused on delivering secure, scalable, and cost-effective cloud solutions.

Experience

Cloud Engineer | Oracle

March 2022 – Present | Remote

- Manage and optimize Oracle Cloud Infrastructure (OCI) and AWS environments, including Compute/EC2, Block Storage/S3, Object Storage, Load Balancer, Networking/VPC, and IAM, ensuring security, scalability, and high availability.
- Monitor and troubleshoot cloud environments using OCI Monitoring, AWS CloudWatch, Logging, and Alerts to proactively identify and resolve performance issues.
- Implement and manage OCI Identity and Access Management (IAM) policies, user roles, compartments, and security best practices to ensure least-privilege access control.
- Collaborate with security teams to enforce VCN security rules, encryption strategies, and compliance policies for secure cloud operations.
- Perform incident management, root cause analysis, and preventative maintenance to minimize downtime and optimize system reliability.

Software Developer | Vigelent

December 2020 – December 2021 | CA, USA.

- Designed and developed a cloud-based application module using Python and React, with backend integrations on AWS and OCI for storage and user input handling.
- Utilized AWS EC2 and S3 to deploy application components and store user data, ensuring availability and scalability.
- Implemented Wi-Fi provisioning workflows for mobile devices and managed connectivity logic in the cloud-based interface.
- Contributed to secure user authentication and access control by integrating IAM roles and policies in AWS and OCI environments.

Education

B.S. IN COMPUTER SCIENCE | DEC 2021 | MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER EDUCATION

Certifications

- AWS Certified Solutions Architect Associate. May 2023
- HashiCorp Certified: Terraform Associate (002). Feb 2023
- Oracle Cloud Infrastructure Certified Architect Associate. May 2022
- Oracle Cloud Infrastructure Observability Professional. Apr 2024

Skills

- Cloud Platforms - Oracle Cloud Infrastructure (OCI), Amazon Web Services (AWS).
- Infrastructure as Code & DevOps - Terraform, OCI CLI, AWS CLI, Shell scripting.
- Monitoring & Security - OCI Monitoring, AWS CloudWatch, IAM (OCI & AWS), VCN/VPC, Logging, Alerts.
- Programming & Development - JavaScript, TypeScript, Python, Node.js, React, HTML, CSS, Bootstrap.
- API Development - RESTful APIs, backend integrations.