

ROLANDO CONTRERAS J.

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PROFESSIONAL SUMMARY

AWS-certified Cloud Architecture and Infrastructure Engineer with 28+ years of ICT experience delivering innovative solutions for Fortune 500 companies and cutting-edge startups. Expertise spans cloud architecture, infrastructure engineering, large-scale system implementations, and AWS operations. Recently earned the AWS Certified CloudOps Engineer – Associate certification while pursuing additional cloud credentials.

At Bankrate (Red Ventures), led comprehensive AWS security remediation across 33 accounts and contributed to zero-downtime Terraform module migration affecting 15+ repositories. At eBay, independently deployed Goldin Auctions (eBay acquisition) infrastructure to a new AWS region, resolving critical team blockers and improving test coverage from 20% to 43%. At Pinterest, played a pivotal role in disaster recovery initiatives, partnering with AWS to build petabyte-scale backup solutions while contributing to multi-account architecture and IaC automation.

Previously, as Head of Infrastructure at YPFB Andina, led a 20+ person team managing substantial OPEX and CAPEX budgets while pioneering Private Cloud platform design using OpenStack and Cloud Foundry. Career spans roles at Crossover supporting OSS/BSS solutions for major telecom providers including Telcel Mexico and Claro Peru, and Entel earning recognition for customer-oriented infrastructure management.

AREAS OF EXPERTISE

- Amazon Web Services & Multi-Account Architecture
- Infrastructure as Code (Terraform, CloudFormation)
- CI/CD Pipelines & Automation (GitHub Actions, Jenkins)
- Container Services (Docker, ECS, Fargate, ECR)
- Python Scripting & AWS Lambda Development
- High Availability & Disaster Recovery Architectures
- AWS Security, IAM & Compliance
- Linux Systems Administration

PROFESSIONAL EXPERIENCE

BairesDev | Remote | Dec 2020 – Nov 2025

Platform Engineer @ Bankrate | Mar 2025 – Oct 2025

- Led comprehensive AWS Access Keys Security Remediation project addressing 100+ access keys across 33 AWS accounts, implementing key rotation and lifecycle management policies
- Migrated authentication from AWS access keys to OIDC across five accounts, reconfiguring majority of Terraform Cloud workspaces
- Contributed to zero-downtime Terraform module migration project, replacing legacy Bankrate modules with RVStandard modules across 15+ repositories
- Managed resources across multiple AWS services: ECS, ECR, Lambda, ElastiCache, and PostgreSQL

Software Engineer @ eBay | Apr 2024 – Feb 2025

- Worked on eBay's Identity Team supporting authentication and authorization for the recently acquired Goldin Auctions platform
- Independently deployed Goldin infrastructure to new AWS region, resolving critical team blocker and enabling parallel development
- Overcame complex technical challenges including hardcoded regions, undocumented resources, and CloudFormation inter-dependencies
- Improved Python backend test coverage from 20% to 43%, enhancing code reliability and reducing potential production issues
- Authored Risk-based Authentication specification that served as the foundation for Step-up Authentication implementation

Cloud Infrastructure Engineer @ Pinterest | Dec 2020 – Apr 2024

- Led critical components of Pinterest's disaster recovery initiative in partnership with AWS, implementing petabyte-scale backup and restore solutions
- Developed and executed large-scale backup strategies across AWS regions, contributing to multi-account architecture and IaC automation
- Automated cloud operations using Terraform and Python, deploying containerized services via ECS/Fargate and managing CI/CD pipelines with Jenkins

- Collaborated with engineering teams and AWS to optimize cloud architecture, supporting infrastructure pushing cloud scaling boundaries

Crossover | Remote | Oct 2017 – Oct 2019

L2 Customer Support Architect @ Optiva / Versata / Trilogy

- Supported OSS/BSS applications for major telecom providers including Telcel Mexico, Claro Peru, and Exito Colombia
- Managed infrastructure applications (Infinio, ScaleArc) and business intelligence solutions (Infobright DB)

Independent Consultant | Santa Cruz, Bolivia | Sep 2016 – May 2020

- Project manager for two credit unions pursuing ASFI certification based on PCI DSS, implementing Event Management (Elasticsearch) and Disaster Recovery solutions (vSphere with HPE converged infrastructure)

YPFB Andina S.A. | Santa Cruz, Bolivia | Oct 2010 – Sep 2016

Head of IT Infrastructure

- Led 20+ person team across helpdesk, telecommunications, servers, storage, and database operations
- Managed substantial OPEX and CAPEX budgets for on-premises enterprise infrastructure
- Pioneered design of Private Cloud platform using OpenStack and Cloud Foundry (IaaS and PaaS)
- Implemented Disaster Recovery solution based on vSphere, disk array systems, and de-duplication solutions

Entel S.A. | La Paz, Bolivia | Aug 1997 – Oct 2010

Systems Analyst

- Implemented mission-critical infrastructure including disk array systems, Storage Area Network, and Virtual Tape Library systems
- Deployed Disaster Recovery solution based on Veritas to backup site
- Managed high-end mission critical servers and Cisco MDS Directors for SAN consolidation

EDUCATION

Specialization in Project Management | McKenna School of Business | 2014

Completed Bachelor's Degree Coursework in Computer Science | Universidad Privada Franz Tamayo | 2007

CERTIFICATIONS

- **AWS Certified CloudOps Engineer - Associate (2026)**
- AWS Certified Solutions Architect – Associate (2020)
- ITIL Intermediate Operational Support and Analysis Certified (2015)
- ITIL Intermediate Planning Protection and Optimization Certified (2014)
- ITIL Foundation Certified (2013)
- Red Hat Certified System Administrator (2007)

SELECTED TRAINING & COURSES

- AWS Certified CloudOps Engineer – Associate (2026)
- Terraform 201 & 202: Scaling Infrastructure Automation (2022)
- AWS Certified Developer – Associate (2020)
- AWS Certified Solutions Architect – Associate (2019)
- Using the Scrum Framework (2020)
- Implementing ISO-IEC 27001 (2015)

LANGUAGES

Spanish: Native | **English:** Full professional proficiency