Aaron Ortega

Solutions Architect

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SUMMARY

Solutions architect with 6 years designing AWS systems for logistics and insurance platforms, working across compute, integration and security. Led the move of a monolith to 14 microservices that cut deploy time from 3 hours to 20 minutes, and designed the event pipeline now processing 2.1M messages a day. Known for writing decision records that stakeholders actually read before the build starts.

EXPERIENCE

Solutions Architect — Fernridge Logistics

Denver, CO · Apr 2022 – Present

- Designed the migration of a monolithic shipment-tracking app to 14 microservices on ECS and EventBridge, cutting deploy time from 3 hours to 20 minutes.
- Architected an event-driven pipeline on Kinesis and Lambda processing 2.1M tracking updates a day, replacing a nightly batch job that was 6 hours late by morning.
- Ran architecture review for 9 teams, rejecting a proposed shared database in favor of per-service stores, which cut cross-team incidents by 60% over a year.
- Wrote the disaster recovery design across 2 AWS regions, cutting estimated recovery time from 8 hours to 45 minutes, verified in 2 live failover drills.
- Presented 3 build-vs-buy analyses to the VP of Engineering; the chosen managed search service saved an estimated $180K in year-one build cost.

Cloud Solutions Engineer — Harborstone Mutual Insurance

Denver, CO · Jul 2019 – Mar 2022

- Designed the integration layer connecting a claims system to 5 third-party data providers using API Gateway and Step Functions, replacing nightly FTP file drops.
- Led the lift-and-shift of 40 servers from on-prem VMware to AWS, with zero unplanned downtime during cutover.
- Built the IAM and VPC architecture for a new policy-quoting platform, passing a SOC 2 audit on the first review.
- Documented 18 reference architectures in Confluence, cutting new-hire ramp time on cloud projects from 6 weeks to 3.

SKILLS

Cloud: AWS (EC2, ECS, Lambda, EventBridge, Kinesis, API Gateway, Step Functions), Azure (basic)

Architecture: Microservices, event-driven design, API design, disaster recovery, cost modeling

Infrastructure: Terraform, CloudFormation, Docker, VPC design, IAM

Collaboration: Architecture decision records, stakeholder presentations, vendor evaluation

CERTIFICATIONS

AWS Certified Solutions Architect – Professional, 2023

EDUCATION

B.S. Computer Engineering, Colorado State University, 2017

Fictional example by FindAJobAI: the person, employers and numbers are invented.