



# Rodolfo Puig

Cloud Engineer

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## Professional Summary

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With over 20 years of software development experience and a decade specializing in cloud architecture, I have established a profound expertise in leading cloud transformations and modernizing IT infrastructures. At Amazon Web Services, I spearheaded the development and modernization of large-scale applications for multinational corporations, successfully transitioning them to AWS environments and achieving significant gains in operational efficiency and cost reduction.

## Experience

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### Puig & Co.

2018 - Present

Owner

- Provided AWS consulting and professional services, significantly enhancing cloud adoption strategies for numerous enterprises

### SumUp

2023

Staff Engineer, Infrastructure

- Partnered with engineering managers and product managers to co-own technical solutions and systems across the company

### Amazon Web Services

2019 - 2023

Cloud Application Architect, Professional Services

- Helped numerous enterprises modernize applications and processes across various phases of their cloud journey
- Built rule-based data parsing engine for high-throughput ETL pipeline to migrate on-premise mainframe data to S3
- Built self-service catalog suite for Kubernetes cluster management using GitOps-oriented approach
- Re-factored large monolithic e-commerce platform into microservice architecture using DDD/TDD methodologies
- Re-factored CI/CD pipelines during phased migration using modern DevOps practices and SDLC methodologies

### Boats Group

2018 - 2019

Cloud Architect

- Designed and developed scalable solutions while being a integral part of the Architecture Committee
- Spearheaded the design and successful migration to an AWS Well-Architected environment
- Enforced an Infrastructure-as-Code approach for managing on-premise and cloud resources
- Designed and implemented an ECS-based platform for hosting more than 50 microservices

### Televisa Internacional

2014 - 2018

Lead Software Engineer, BLIM

- Lead a medium sized team of senior engineers while building the platform's infrastructure
- Designed, deployed, and actively maintained the platform's AWS infrastructure
- Designed and developed various API-driven services to manage the platform
- Created and maintained a wide variety of Docker and Vagrant images for the development teams
- Implemented CI/CD workflow and enforced code review processes across all teams
- Migrated various legacy applications to newer and more maintainable codebases

### NBCUniversal

2011 - 2014

Senior Software Engineer, Telemundo Enterprises

- Implemented new collaborative tools and workflows, enhancing inter-departmental cooperation and project delivery times
- Developed a custom workflow for extracting EIA-608/708 caption data, streamlining content distribution and compliance

### Univision Interactive Media

2009 - 2011

Senior Web Developer

- Launched a CMS for enhanced content management across platforms, improving content delivery speed and user engagement
- Developed a robust video player supporting VAST/VPAID ads, and adaptive streaming functionalities

## Certifications

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**AWS Certified DevOps Engineer (Professional)** 9ZC7QC7DJMVEQJCF  
**Certified Widevine Implementation Partner** 00440MD

Amazon Web Services

Google

## Education

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**Art Institute of Fort Lauderdale**

2004 - 2006

*Bachelor of Science, Game Art & Design*

## Projects

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**BLIM TV**

2014 - 2018

*Televisa Internacional*

- Lead Engineer for Televisa's Streaming Platform
- Features: Service-Oriented Architecture, native support for iOS, Android, SmartTVs, Roku, Chromecast, among others

**Digital Backbone**

2013 - 2014

*NBCUniversal*

- Tech Lead for the implementation of NBCU's Digital Backbone platform at Telemundo

**World Cup Live Stream**

2010

*Univision Interactive Media*

- Developed the live streaming video player used for all soccer games broadcasted online
- Features: VAST/VPAID, Conviva Analytics and multi-stream/adaptive playback

**Emotion TV**

2009

*SurrealImagine Studios*

- Provided concept and development plan for the social tv content distribution network

## Technical Skills

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Amazon Web Services (AWS) • Python • TypeScript • DevOps • Kubernetes • Terraform • Docker • API Development • Professional Services • Pre/Post Sales Engineers • Polyglot (Programming Languages)