

Cloud Engineer CV

Manuel Acosta

Cloud Engineer | BackEnd Developer | DevOps Engineer

Mexico City Metropolitan Area

Summary

Experienced Cloud Engineer and BackEnd Developer with a strong background in designing and implementing cloud solutions, backend development, and DevOps practices. Proficient in AWS technologies and experienced in creating scalable, efficient, and secure applications. Adept at collaborating with cross-functional teams to deliver high-quality solutions. Interested in continuous learning and exploring new challenges in Cloud Architecture, Data Science, and Machine Learning.

Skills

Cloud Technologies:

AWS (S3, Glue, RedShift, Lambda, EventBridge, Step Functions, QuickSight, DynamoDB, EKS, CDK, EC2, IAM, CloudWatch), GCP

Programming Languages:

Python, Go, PHP, JavaScript

DevOps:

CI/CD, Kubernetes, Docker, Infrastructure as Code (IaC), Grafana

Architecture:

Microservices, Serverless, Hexagonal Architecture

Tools:

Git, Jenkins, Terraform, AWS CDK

Soft Skills:

Critical Thinking, Problem-Solving, Team Collaboration, Coaching and Mentoring, Growth Mindset

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Certifications

AWS Certified Solutions Architect – Associate - Amazon Web Services

AWS Certified Data Analytics - Specialty (DAS-C01) - A Cloud Guru

AWS Cost Optimization Deep Dive - A Cloud Guru

HashiCorp Certified Terraform Associate - A Cloud Guru

Professional Experience

Crabi

Cloud Engineer

Miguel Hidalgo, CDMX, Ciudad de México, México

October 2021 - Present

- Reduce 33% of cloud cost (AWS & GCP) Migrating Kubernetes cluster in eks, and improving use of nodes and networking inside the clust

chited and implemented a Data Lakehouse using AWS technologies, enhancing data storage, integration, and analytics capabilities.

- Developed scalable and maintainable microservices in Go with a hexagonal architecture.

- Designed and implemented CI/CD pipelines for microservices using Go, Node.js, and PHP, improving deployment reliability and team collaboration.

- Managed the migration and continuous maintenance of a Kubernetes cluster from GCP to AWS EKS, optimizing infrastructure efficiency and scalability.

- Led development of an internal tool for managing car insurance claims, ensuring seamless system integration and efficient claims processing.

- Implemented a cache solution with DynamoDB, enhancing data retrieval efficiency and reducing latency.

- Utilized AWS CDK for IaC to provision and manage resources across a multi-account AWS organization.

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Alana

May 2017 - October 2021

- Developed a robust clock-in service using AWS Rekognition for face recognition, ensuring accurate time tracking and enhanced workforce management.
- Implemented a push notification server and real-time chat functionality using Firebase, enhancing user engagement and communication.
- Successfully migrated from a monolithic Symfony stack to a serverless PHP architecture using AWS Lambda, API Gateway, and AWS Cognito, resulting in improved scalability and performance.
- Developed a comprehensive payroll calculation system adhering to Mexican and Colombian labor laws, automating the pre-payroll process.
- Created a chatbot solution using MessageBird for automating the hiring process, significantly reducing administrative overhead.
- Developed a fan-out communication system using AWS SNS for efficient message dissemination to employees.

Languages

- English: Professional Working Proficiency
- Spanish: Native or Bilingual Proficiency

Contact Information

- Email: pompello98@gmail.com
- Phone: +525618476608
- LinkedIn: <https://www.linkedin.com/in/manuelacostamarcano>