

Victor David Archila Mendoza

SOLUTIONS ARCHITECT · CLOUD & ENTERPRISE INTEGRATION · AWS

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PROFESSIONAL SUMMARY

Solutions Architect with 12+ years spanning hands-on engineering and technical leadership, designing scalable, secure and cost-efficient cloud-native architectures. Expert in AWS, microservices, event-driven design (Kafka), Kubernetes and Infrastructure as Code, with deep experience integrating ERP, POS, CRM and payment ecosystems. Bridges business objectives and engineering delivery — from architecture and system design to production ownership — following Well-Architected and ISO 27001-aligned practices.

CORE TECHNICAL SKILLS

Architecture Solution & system design, microservices, event-driven architecture, DDD, API-first, C4 modelling
Cloud AWS Well-Architected (EKS, ECS, Lambda, RDS, S3, SQS, EventBridge, API Gateway), multi-region HA/DR
Integration ERP / POS / CRM integration, REST & gRPC APIs, Kafka, RabbitMQ, enterprise messaging
IaC & DevOps Terraform, Docker, Kubernetes, Helm, GitOps, CI/CD (GitHub Actions), Dev Containers
Data PostgreSQL, SQL Server, Redis, NoSQL, data modelling, reporting & BI
Languages Python (FastAPI), TypeScript, SQL
Security & Quality ISO 27001-aligned controls, security by design, observability (OpenTelemetry, Prometheus, Grafana)
Governance Cost optimisation / FinOps, technical roadmaps, stakeholder alignment, Agile delivery
Tooling Claude Code (AI-assisted design & delivery), Git, architecture diagrams-as-code

PROFESSIONAL EXPERIENCE

Co-Founder & CTO / Solutions Architect

Dec 2024 – Present

vDevCodes · Panama

- Define pragmatic solution architecture for client platforms — backend services, integrations and automation — balancing reliability, cost and time to market.
- Architect API-first, cloud-native systems on AWS with Docker and Kubernetes, IaC and automated CI/CD.
- Design enterprise integration architectures across ERP, POS and payment/electronic-invoicing platforms, defining data contracts and event flows.
- Established reproducible Dev Container environments and AI-assisted design/delivery with Claude Code as a standard across projects.

Stack: AWS, Kubernetes, Docker, Terraform, Kafka, Python/FastAPI, PostgreSQL, SQL Server, Dev Containers, Claude Code

Head of Technology / Lead Architect

Jan 2020 – Nov 2024

Dorben Group · Panama

- Designed microservices architectures and led the migration from monolithic systems to Docker/Kubernetes for scalability and resilience.
- Architected Kafka-based event-driven integration enabling real-time processing and reliable asynchronous system communication.
- Defined CI/CD, Infrastructure as Code and DevOps standards, reducing delivery time ~25% and improving operational efficiency ~30%.
- Owned PostgreSQL and SQL Server data architecture, reporting pipelines and integration layers for operational systems.
- Supported ISO 27001-aligned security improvements and operational risk controls.

Stack: AWS, Docker, Kubernetes, Kafka, Terraform, Python, PostgreSQL, SQL Server, CI/CD

Head of Software Development

Jan 2018 – Jan 2020

Club Unión de Panamá · Panama

- Led software engineering teams and enterprise application delivery, aligning technical design with business operations.
- Delivered business-critical backend integrations and improved development processes and software quality.

Stack: SQL Server, System Integration, Software Design, OOP

Senior Software Developer

Dec 2016 – Oct 2018

ICG Dominicana · Dominican Republic

- Built enterprise software, reporting systems and system integrations improving reliability and operational visibility.
- Managed physical and virtual server environments and delivered BI/analytics on Tableau and ICG Analytics.

Stack: SQL Server, System Integration, BI, Tableau

Software Developer

Mar 2012 – Dec 2016

bestBOON C.A. · *Venezuela*

- Developed and integrated software across business systems, designing efficient data models over relational and NoSQL databases.

Stack: SQL, NoSQL, OOP, System Integration

SELECTED ACHIEVEMENTS

- Led cloud-native transformations using AWS, Docker, Kubernetes and Kafka.
- Migrated monolithic systems to microservices with measurable gains in scalability and resilience.
- Designed real-time data and integration platforms for analytics, automation and enterprise operations.
- Supported ISO 27001-aligned security improvements and strengthened operational risk controls.
- Cut project delivery time by ~25% and lifted operational efficiency by ~30% through DevOps and automation.

EDUCATION

B.Sc. Computer Science Engineering

2010 – 2016

Universidad José Antonio Páez

CERTIFICATIONS

- Python Data Structures — University of Michigan (Score: 100%)
- Using Databases with Python — University of Michigan
- ICG Analytics — Business Intelligence & Reporting