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Profile

I am a software engineer with extensive experience in the development, supervision and implementation of Cloud and onPremise systems, focused on using the best current market practices to deliver an efficient, secure, scalable and highly available product.

I am a person committed to my activities and with a high sense of responsibility, offering high quality work and excellent professionalism.

Resume

Photo	Name	Email	Phone	Phone
 Graduate Enginer	Ulises Sandria Vázquez 41 years old	contacto@ulisessandria.com	5536476820	Cédula 14472593 QR para validar la información



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Experiencie

Project	Date	Assignee	Task
Engen	10-23 / 10-24	Desarrollador, Líder Técnico, Arquitectura	<ul style="list-style-type: none">Source code analysis and approvals with DevOpsOperation supportWeb services provisioningProject leadershipProposal design for operation improvementDeveloper supportProduct development monitoringDev, QA, PRO and Staging deployment monitoringJava Springboot microservices developmentJira ticket automationVault implementationArchitecture design for data science and business intelligenceAnalysis of systems developed in AWS servicesTerraform AWS developmentLambda Python developmentServerless DDD architecture designUse of SQSUse of AWS servicesImplementation of integrations.Testing
Kinich Software	10-23 / 1-24	Architecture, Mobile and Web Development	<ul style="list-style-type: none">Design of physical and logical architecture on Azure and Firebase.Realtime database design.Development of a multiplatform application with NET MAUI C# for sale to the private sectorRelease on Apple and Android storeInfrastructure provisioning for DevOps with Azure Cloud.Kubernetes Cluster Provisioning.Programming scripts in terraform for provisioning services in Azure Cloud (Service Bus, Azure Functions, SignalR, KeyVault, Storage, API Management Dockerization of services..NET gRPC C# Web API programming for user information management.Programming methods to manage Firebase storage.Programming methods for Firebase RealTime DataBase.Programming authentication methods in Firebase.

			<ul style="list-style-type: none"> • Programming methods for using push notifications. • API connector programming for chatGPT use. • Lambda function programming. • Connector programming for Azure Service Bus. • Programming functions for Messaging management (Queues and Topics). • Implementation of Observability with Graphana, Jaeger and Istio. • Implementation of MVVM pattern. Using GCP CLI to use push notifications
Nexta	11-21 / 10-23	Architecture, Development, DevOps	<ul style="list-style-type: none"> • Migration of HBSI, RateTigger and Gateway interfaces to NET Core. • Architecture design for NET Core Hotel Quote Web API migration. • Architecture Design for Tarifaria Hotels API (Python) • Architecture Design for Disney Push OTA Connector. • Architecture Design for SynXis Push OTA Connector, Sabre. • Architecture Design for DerbySoft Push OTA Connector. • Architecture Design for OTA Push HBSI Connector. • Development of Booking connectors and cancellation of reservations. • Development of backend functionality and database for push connectors. • Development of resilient architectures for HTTP connectors with retry and timeout policies. • Architecture Development for Intelligent Bussines and Revenue Quotation Service, strategies. • Architecture improvement for BestDay interface. • Performance improvement to third-party quote PULL interfaces (Restel, Tourico, Get a Room, IDISHO, GTA) • Architecture improvement for Valkirya interface. • Improvement and maintenance of product APIs. • Maintenance of availability displays. • Put into production Installation of Nginx, Docker, k8s Proxies. • Pipeline development. • Provisioning of development and QA environments. • Integration of instrumentation metrics • Dashboard design. • Development of SQL scripts, functions, stored procedures, triggers. • Development of MySQL MSSQL migration synchronizers. • Migration of Azure services to Google Cloud Platform.

- Design and execution of Testware for distributed load testing.
 - Creation of Let's Encrypt SSL certificates for secure connectivity between interfaces.
 - ElasticSearch and kibana integration for connectivity and monitoring between applications.
 - Daily KanBan meeting execution.
Creation of Epics.Code Review.
 - Development REST API Java
 - Development REST API Python
 - Development REST API NodeJS
 - Database Development.

BestDay	11-19 / 10-21	Architecture, Development, DevOps	<ul style="list-style-type: none">• Migration of HBSI, RateTigger and Gateway interfaces to NET Core.• Architecture design for NET Core Hotel Quote Web API migration.• Architecture Design for Tarifaria Hotels API (Python)• Architecture Design for Disney Push OTA Connector.• Architecture Design for SynXis Push OTA Connector, Sabre.• Architecture Design for DerbySoft Push OTA Connector.• Architecture Design for OTA Push HBSI Connector.• Development of Booking connectors and cancellation of reservations.• Development of backend functionality and database for push connectors.• Development of resilient architectures for HTTP connectors with retry and timeout policies.• Architecture Development for Intelligent Bussines and Revenue Quotation Service, strategies.• Architecture improvement for BestDay interface.• Performance improvement to third-party quote PULL interfaces (Restel, Tourico, Get a Room, IDISHO, GTA)• Architecture improvement for Valkirya interface.• Improvement and maintenance of product APIs.• Maintenance of availability displays.• Put into production Installation of Nginx, Docker, k8s Proxies. Pipeline development.• Provisioning of development and QA environments. Integration of instrumentation metrics• Dashboard design. Development of SQL scripts, functions, stored procedures, triggers.• Development of MySQL MSSQL migration synchronizers.
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			<ul style="list-style-type: none"> • Migration of Azure services to Google Cloud Platform. • Design and execution of Testware for distributed load testing. • Creation of Let's Encrypt SSL certificates for secure connectivity between interfaces. • ElasticSearch and kibana integration for connectivity and monitoring between applications. • Daily KanBan meeting execution. • Creation of Epics.Code Review. • Development REST API Java • Development REST API Python • Development REST API NodeJS • Database Development.
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Others	2007 / 2018	Consultant, Client Assignment	<ul style="list-style-type: none"> • Project OXXO(C#, SQL Server) • Project Ecommerce Walmart(C#, ASP.NET, SQL Server) • Projects Grupo Salinas(C#, Visual Basic, JavaScript, Java, SQL Server) • Projects Segob(Java, MySql, JavaScript, PHP, ASP)
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Skills

Branch	Technology
Programming Languages	<ul style="list-style-type: none">• JavaScript• Java• C#• Python• Visual Basic• ASP.NET• TypeScript• PHP
Mobile Development	<ul style="list-style-type: none">• .NET MAUI• Android Studio• Flutter• Xamarin
Architecture	<ul style="list-style-type: none">• Hexagonal• Serverless• Microservicios• SOA
Methodologies and techniques	<ul style="list-style-type: none">• D.D.D• T.D.D• B.D.D
Server App	<ul style="list-style-type: none">• Apache• IIS• Nginx• Kestrel• GlassFish
Patterns	<ul style="list-style-type: none">• Dependency Injection e IoC• MVC• MVVM• Circuit Braker• Fan in Fan Out (Durable Functions)• MVP• Factory• Iterator• Proxy• Builder• Adapter• Chain of Responsibility• Bridge
Principles	<ul style="list-style-type: none">• SOLID

- YAGNI
- DRY
- KISS
- Scrum Agile
- CMMI 3

FrameWorks

- Entity Framework
- Dapper Bot
- .NET Framework
- .NET Blazor
- ExpressJS
- Django
- Springboot

Repositories

- Bit Bucket
- GitHub
- GitLab
- Team Services
- SVN Tortoise
- Microsoft Source Safe
- GitHub

CI/CD

- Jenkins
- CodeBuild
- ArgoCD
- MAMBU

FrontEnd

- jQuery
- Razor
- Blazor (Web Assembly)
- Angular
- Bootstrap
- ReactJs
- NextJs

Tools

- Jira
- Terraform
- Istio
- Graphana
- Kibana
- Docker
- CMS (Umbraco, WordPress)
- Elastic Search
- Crystal Reports/
- Reporting Services
- Integration Services
- Enterprise architect
- Post Man
- PowerShell

DataBases

- SQL Server
- SyBase
- MySql
- MongoDB
- Oracle

	<ul style="list-style-type: none"> • SQL Lite
Operating Systems	<ul style="list-style-type: none"> • Windows 11 • Windows IoT • Solaris 11, • Windows Server Core • Linux Ubuntu, CentOS • OS X
Tests	<ul style="list-style-type: none"> • JMeter • Accunetix • MSTest • Xunit • SmokeTest • AppCenter • Sonar
Buses	<ul style="list-style-type: none"> • RabbitMQ • Kafka Zookeper • PubSub
Reportes	<ul style="list-style-type: none"> • PowerBI • Cristal Reports • Extracción de datos con Informática y ETL's
Security	<ul style="list-style-type: none"> • KeyCloack • Auth0 • Identity Server • Cognito • Active Directory • CloudFlare
Windows Azure	<ul style="list-style-type: none"> • Service Bus • Functions • Storage • API Management • SQL Azure • Virtual Machines • Cosmos DB • App Service • AKS • Service Fabric
Amazon Web Services	<ul style="list-style-type: none"> • SQL RDS • EventBridge • Step Functions • API Gateway • EKS • ECS • EC2 • App Runner • VPC • ECR • CodeBuild

- CodeDeploy
- CloudFront
- CloudWatch
- Lambda
- Fargate
- S3
- SQS
- Kinesis

Google Cloud Platform

- Cloud Run
- Big Query
- Cloud Storage
- Compute Engine
- GKE
- Cloud SQL
- Cloud CDN
- Cloud Functions
- Apigee
- Vision AI
- Video AI

Firebase

- Links
- Realtime Database
- Push Notifications
- Storage
- Messaging
- Authentication
- Realtime Analytics

IA

- Chat GPT
- Flow GPT
- Tensor Flow
- Video AI (Vertex AI)

Block Chains – Cryptocurrency

- Cluster NiceHash
- FileCoin
- CoinBase
- Ethereum
- BitCoin
- PolkaDot

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Certs

Certs

Diplomas

- [VSphere 7](#)
- Tanzu Kubernetes Mission Control
- Cloud Native

- [Azure DevOps](#)
- Azure Infrastructure
- [Linux Essentials](#)
- [Xamarin](#)
- [Scrum](#)
- AWS Services

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References

Repository GitHub - Diversos proyectos de ejemplos y POCs

<https://github.com/rekiem233/>

Web API Demo .NET 8 C#(SQL Server) Servicio RESTFUL de CRUD con carga y exportacion de excel

<http://rekiemsoftware-001-site24.jtempurl.com/swagger/index.html>

Microservicio de IA con .NET que se conecta a CHATGPT

<https://github.com/rekiem233/>

Microservicio Java

<https://github.com/rekiem233/>

Jira Visor - Aplicacion que se conecta a jira para generar reportes indicadores, y creacion de tareas

<http://rekiemsoftware-001-site3.jtempurl.com/>

Estación de Trabajo Principal

Modelo del sistema Z790 PG SONIC

Tipo de sistema x64-based PC

Procesador 13th Gen Intel(R) Core(TM) i9-13900K, 3000 Mhz, 24 procesadores principales, 32 procesadores lógicos

Memoria física instalada (RAM) 64.0 GB DDR5 A 7200 MT/s

4TB de almacenamiento ultra speed 7GB transferencia por segundo

Enfriamiento por agua CoolMaster 360

Tarjeta de Video RTX 6600 4 Monitores extendidos para mayor productividad

Fuente de Poder de 850wats

Gabinete ThermalTake Extended



Dos Estaciones de Trabajo Apoyo Linux Ubuntu Server y Desktop 18

Procesador Intel(R) Xeon(R) CPU E5-2650 v4 2.20GHz, 2201 Mhz, 12 procesadores principales, 24 procesadores lógicos

Producto placa base X99-RS9 Fabricante de la placa base MACHINIST

Memoria física instalada (RAM) 16.0 GB DDR5 A 3200 MT/s

2TB de almacenamiento

Enfriamiento por aire CoolMaster 180

Tarjeta de Video RTX 580

Fuente de Poder de 500wats

Gabinete CoolMan

Mac Os Ventura para compilacion de aplicaciones con XCode y .NET Maui

Procesador i7 8 Nucleos

Memoria física instalada (RAM) 16.0 GB 3200mts

1TB de almacenamiento

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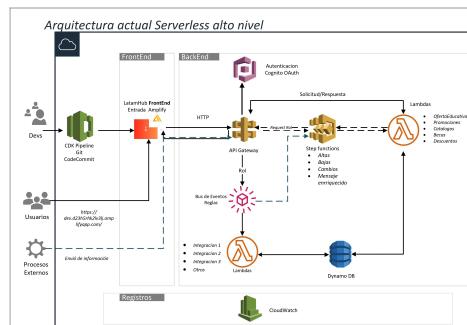
Architecture

Infraestructura

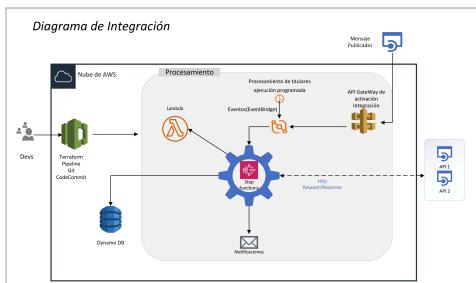
6 Contact

Architecture AWS

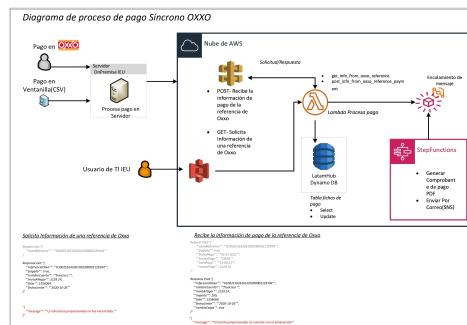
These designs were implementations and architectural proposals



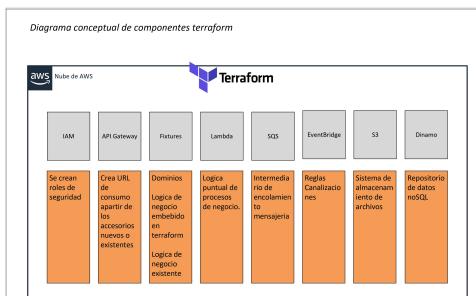
Architecture - Serverless



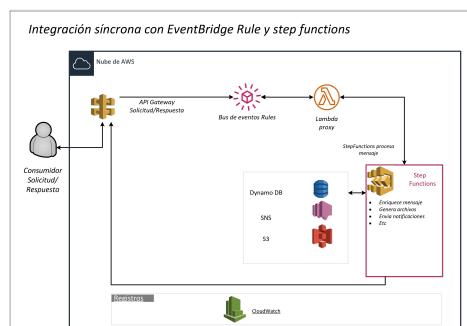
Architecture - Data Integration



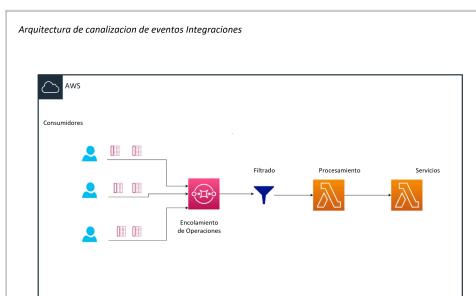
Architecture - OXXO Payments



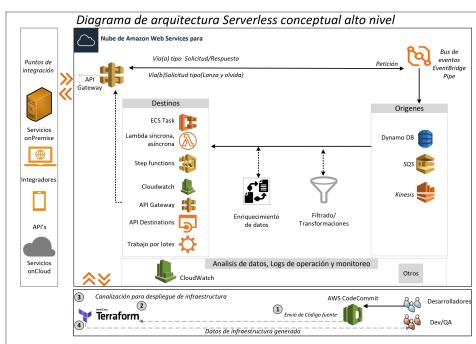
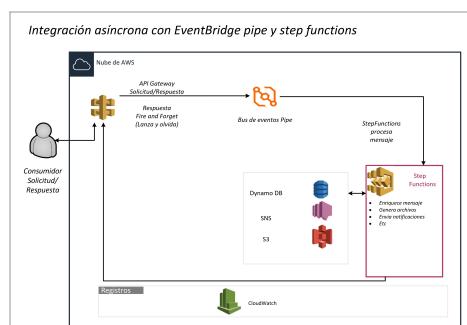
Terraform artifacts



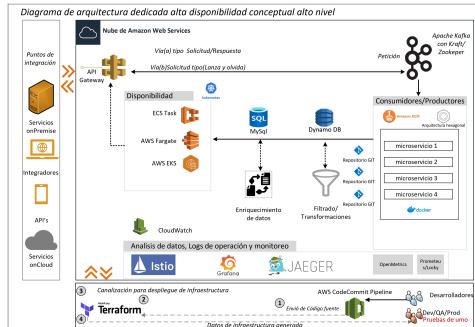
Architecture - EventBridge



Architecture - EventBridge 2

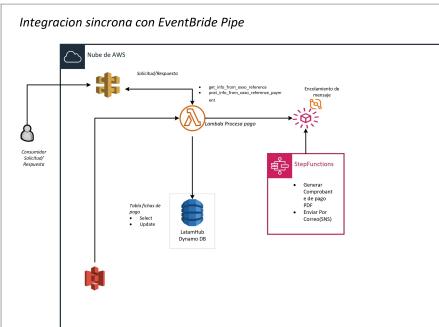


Architecture - EventBridge with step functions

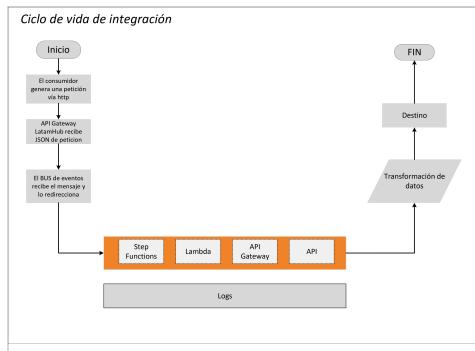


Architecture - EventBridge

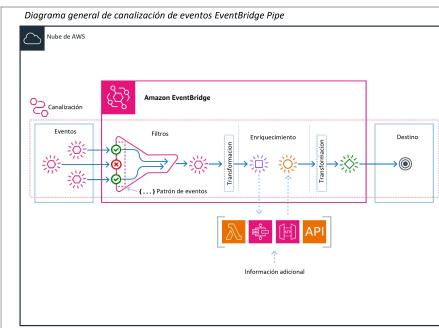
Architecture - Event Bus Multi Target



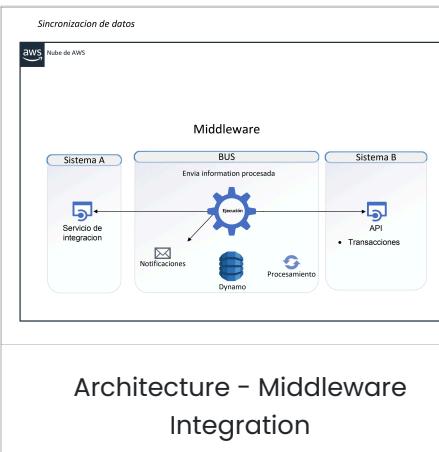
Architecture - Complex DevOps



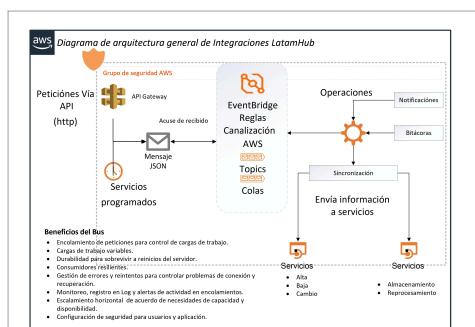
Architecture - Life Cycle Integration



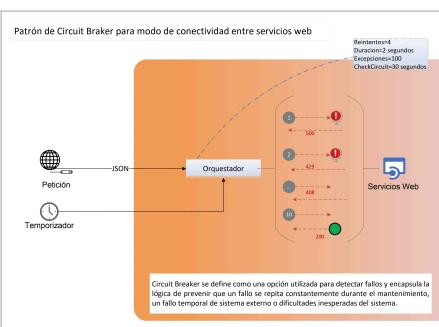
Architecture - EventBridge Pipes



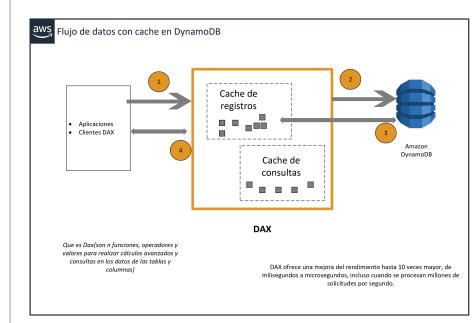
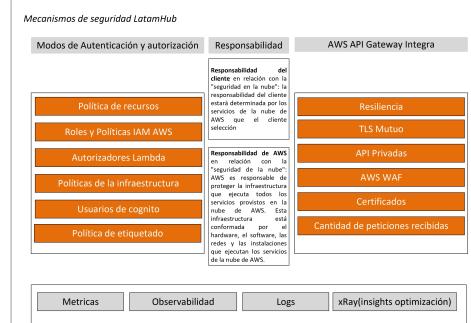
Architecture - Middleware Integration



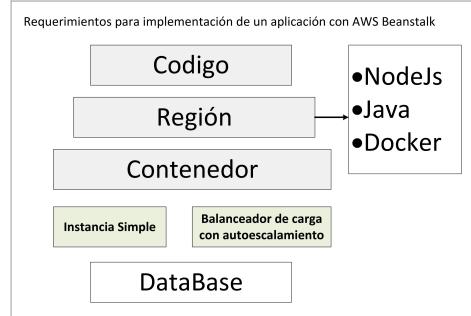
Architecture – Data Integration with topics



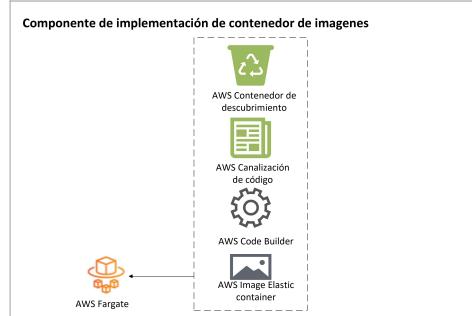
Architecture - HTTP Circuit Breaker Pattern



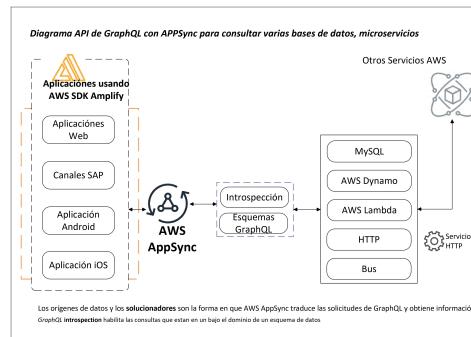
Architecture - AWS Security Mechanisms



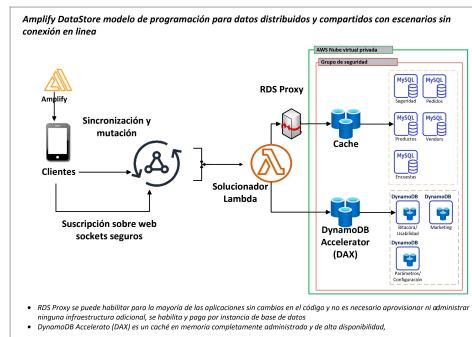
Architecture - Simple Beanstalk



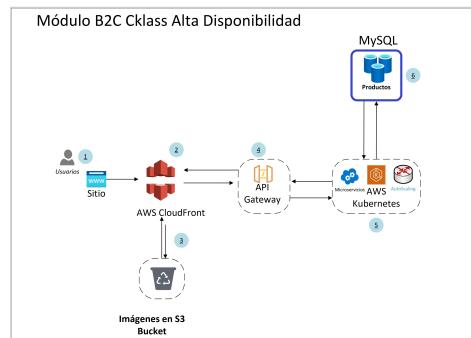
Architecture - AWS CodeBuilder



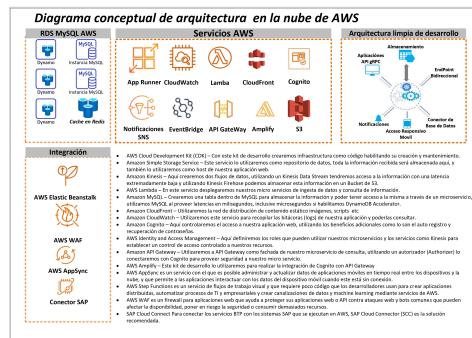
Architecture - AWS Amplify



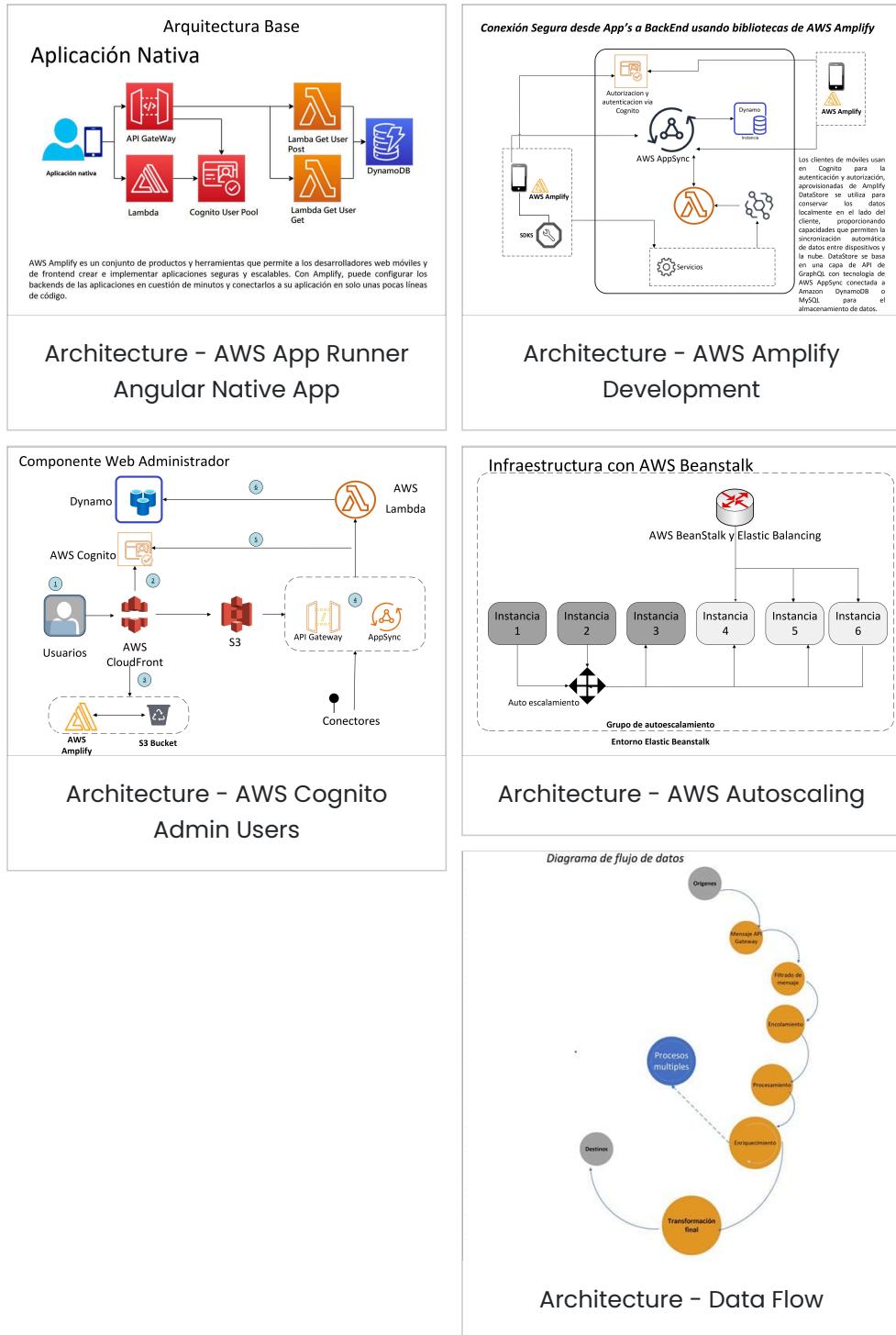
Architecture - AWS Amplify DataOffline and AppSync



Architecture - High availability with AWS CloudFront



Architecture - AWS High Performance apps



Architecture Azure

These designs were implementations and architectural proposals

