

Edwin Gonzalez

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Certifications

Amazon Web Services:

- Solution Architect Professional
- Dev Ops Professional

HashiCorp:

- Terraform Associate

Technical Skills

Languages:

- C#, Go, Python, JavaScript

Frameworks:

- .Net Core, React, Django

Databases:

- DynamoDB, MySQL, SQL Server

Amazon Web Services:

- Serverless
 - Lambda
 - DynamoDB & DB Streams
 - EventBridge
- Encryption (KMS)
 - At Rest
 - Client Side
- Identity Access (Cognito & IAM)
 - Authorization
 - Multi-account access
- Event Driven (SNS & SQS)
 - Real time events
 - Multi-Consumers

Infrastructure as Code:

- Terraform
- CloudFormation



Professional Experience

Slalom Consulting — Senior Consultant

Aug 2020 — Present

🏗 C#, Go, Python, Amazon Web Services, Terraform

- Led and mentor internal and client engineers on AWS and SDLC best practices
- Architect/Implement Proof of Concepts and features for enterprise applications
- Collaborate with business and technical teams to understand problem, downstream impacts, and interdependencies

Avenue I Media — Full Stack Developer

Mar 2019 — Aug 2020

🏗 Python, JavaScript, CloudFormation, AWS

- Creating reusable responsive frontend components for websites and ad templates
- Owned solution for application and deployment process modernization – containerization, continuous integration and delivery, multi-environment
- Matured company's AWS Knowledge by introducing system design documents for existing, new, refactored applications/services

Projects

Cloud Enablement & Migration — Slalom (Client)

Jun 2023 — Present

🏗 Python, C#, Terraform, Amazon Web Services, Docker, Kubernetes

Problem — Migrate 200 applications from on-premise to AWS and client's platform suite

Impact — Develop teaching curriculum for lead engineers to enable client application teams to own new implementation patterns and tooling

- Communicate with platform experts on defects, knowledge gaps, and use cases
- Mentor onboarding leads and refine curriculum as new features become available
- Hands-on session with client engineers and responsible for creating MVP examples

Real Time Event Architecture — Slalom (Client)

Jan 2023 — Dec 2023

🏗 C#, Terraform, Amazon Web Services

Problem — Client cumbersome data syncing process and allow each service to own data

Impact — Configuration driven approach relaying events using an event driven model

- Contribute to library addressing logic for publishing and consuming events
- Conduct PoCs and tests for end-to-end flow and report results and areas of concern
- Lead approach on access management and enforcing least-privilege model

Serverless Accelerator — Slalom (Client & Internal)

Aug 2020 — Jan 2023

🏗 C#, TypeScript, Terraform, Amazon Web Services

Problem — Standardizing Serverless projects is overwhelming and raise adoption

Impact — **5M+ dollars** revenue in deals and expansions. Used by **10+ projects** saving teams 2 sprints of work (**640 engineer hours**)

- Document implementations and how common concerns are handled —logging, tracing, DI, authorization, encryption, and testing (unit & integration)
- Present offering to internal and client teams looking to adopt serverless architecture

Envelope Encryption Library — Slalom (Client)

Oct 2021 — Dec 2021

🏗 C#, Terraform, SQL Server, Amazon Web Services, Snowflake

Problem — Envelope encrypt specified properties/columns on existing and new records

Impact — Developed custom library with an agnostic solution for multiple key providers

- Partnered with Security Architect and Database Administrator to document problem statement and presenting technical findings and solutions
- Introduced support for key rotation and grouping encrypting/decrypting operations

Education

University of Southern California (USC)

Los Angeles, CA

B.S. Applied & Computational Mathematics,

2014 — 2018

Minor in Computer Programming

University of Auckland

Auckland, New Zealand

Certificate of Proficiency in Mathematics

Spring 2017