**Mr. Gabriel Moran**

**GCP Infrastructure Architect**

**San Antonio, TX**

**PROFESSIONAL SUMMARY**

* **More than 5 years as a GCP Infra Engineer / Architect and 5 years in AWS for large cloud platforms around the LATAM region**
* Mexican Systems Engineer, with more than 20 years in Information Technology Infrastructure. Deep experience planning and implementing technology solutions in many different markets, Very good experience integrating solutions including MAC Win & Linux Environment, Telecom ,Networking, Transactional Systems, ERP, SAP, SQL, 5 years implementing GCP and AWS infrastructure
* More than 5 years working with cloud environments, like **Google Cloud: Big Query, Cloud SQL,** Cloud Storage, Cloud SDK, Compute Engine, Cloud Endpoints, App Sheet, App Engine, Firebase, Cloud APIs and for AWS: EC2, Lambda, Elastic Bean Stalk, EC2, VPC, S3, RDS, DynamoDB, API Gateway, Code Commit, CloudWatch, Amazon Forecast, Amazon Fraud Detector, Amazon Personalize, Athena, Quick Sight, AWS Glue, AWS Lake Formation, IAM
* Expert in the design and delivery of cost - effective, high-performance information technology infrastructures and applications to address complex business problems by assessing current capabilities and designing future technology architectures to achieve strategic technology plans that align with the business’s strategic initiatives
* Extensive qualifications in all facets of project life cycle, from the initial feasibility analysis and conceptual design through documentation, implementation, user training and enhancement. Strong server, storage and networking background with a proven ability to build and manage creative, highly energized, focused teams

**TECHNICAL SKILL-SETS**

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| **GCP** | **BigQuery, Cloud SQL, Cloud Storage, Cloud SDK, Compute Engine, Cloud Endpoints, App Sheet, App Engine, Firebase, Cloud APIs, BigData** | **5 years** |
| **QA testing** | **CIT, SIT, Unit testing using junit UX Continues improvements** | **5 years** |
| AWS | EC2, Lambda, Elastic Bean Stalk, EC2, VPC, S3, RDS, DynamoDB, API Gateway, Code Commit, CloudWatch, Amazon Forecast, Amazon Fraud Detector, Amazon Personalize, Athena, Quick Sight, AWS Glue, AWS Lake Formation, IAM | 5 years |
| JAVA/J2EE TECHNOLOGIES | Servlets, JSP, JSTL, JDBC, JMS, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking | 8 years |
| PROGRAMMING LANGUAGES | Java JDK, C++, C, SQL, PL/SQL, PYTHON, PHP, Java Script | 5 years |
| APPLICATION/WEB SERVERS | Weblogic12c, JBoss, Tomcat, Bug tracking, Jenkins. Apache httpd | 8 years |
| FRAMEWORKS | Struts, Spring 3, Hibernate 3, JSF, Django, Cake PHP. | 5 years |
| UI FRAMEWORKS | JQuery, AngularJS, Bootstrap, React JS. | 5 years |
| IDES | Eclipse, IntelliJ, Dream viewer, Net Beans, Visual Studio, Code Studio, Sublime, Atom | 10 years |
| WEB TECHNOLOGIES | JSP, JavaScript, Json, jQuery, AJAX, XML, HTML/XHTML/HTML5, CSS/CSS3, ASPX, Django | 10 years |
| WEB SERVICES | JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, UDDI, REST, SOAP UI | 5 years |
| XML TOOLS | JAXB, Apache Axis | 6 years |
| METHODOLOGIES | Agile, Scrum, Waterfall, SDLC, Design Sprint, Design Thinking, UX frameworks | 5 years |
| MODELING TOOLS | UML, Visio | 5 years |
| TESTING TECHNOLOGIES/TOOLS | Junit, Selenium, Jenkins, Docker | 5 years |
| DATABASE SERVERS | Oracle 10g/11G, SQL Server 2000/2005/2008, MySQL, PostgreSQL, Aurora, Big Query, Firebase, DynamoDB | 11 years |
| VERSION CONTROL | CVS, SVN, GIT | 9 years |
| BUILD TOOLS | ANT, Maven, Gradle, Grunt | 7 years |
| PLATFORMS | Windows 2000/98/95/NT4.0, UNIX, Windows 7, MacOS, Linux, Unix | 15 years |

**PROFESSIONAL SUMMARY**

**Employer name: Truco Produccion Creativa**

**Location: Mexico City**

**Position: GCP Infrastructure Architect**

**Project Name: Backdoor\_T2**

**Duration: Nov 2018- Present**

**Description**: Managing all GCP infrastructure.

**Responsibilities:**

* Designed, Configured, maintained & Managed Google Cloud Virtual data Center computing Platform which hosted Enterprise applications. Used Compute , Storage,,Networkig Stack driver, other Google Cloud tools for various operations.
* Tasked with the coordination of CI/CD and DEVOps teams in automating deployment of infrastructure inside Google Cloud.
* Configured a Google cloud Virtual Private Cloud (VPC) and Database Subnet Groups for isolation of resources.
* Deployed and monitor scalable infrastructure on Google Cloud & configuration management using Docker and Google Kubernetes Engine (GKE)
* Performed Installation and configuration of secrets management tool (Hashicorp Vault) inside Google Cloud platform for managing the user and system credentials.
* Creating Google Cloud Storage (GCS) buckets, maintaining and utilizing the policy management of this buckets and used GCS cold line for storage and backup on Google cloud.
* Leverage Cloud SDK and Google CLI to package and deploy containerized web applications on to the Google Cloud Platform and using Google Kubernetes Engine (GKE) to manage clusters and implemented autoscaling conditions to accommodate traffic variance.
* Automated the IAM secrets policy management for Hashicorp Vault by integrating it with jenskins deployment of PostgreSQL databases , load balancers for AquaSec container security tool inside GCP using Cloud SDK and Phyton.
* Creating fully automated build test and deployment processes by leveraging Google Cloud Build as an automated solution for deploying new version of containerized web application and maintaining a repository of docker images storage in Google Container Registry.
* Work onsite with the customer’s technical teams and leadership to build relationships to find ways to leverage and maximize technical investment recommendations
* Plan and lead major technology assignments, with the potential to supervise others in doing so
* recommend and implement best practices in the storage infrastructure to ensure optimal performance and reliability.
* Work with other support teams to architect and design enterprise infrastructure solutions
* Serve as an technical lead and solution design expert for IT infrastructure related initiatives
* Design and implement data protection and replication solutions.
* Experience in x86/Power/ARM systems and hardware design, and masters processor architectures
* Multi-tenanted virtualized systems that can manage thousands of simultaneous users
* Networking (TCP/UDP, Routing, Broadcast/Multicast, LAN/WAN)
* Ensure implementation of governance, and security measures around product offerings
* Design and implement secure cloud application environments with centralize identity management
* Have worked with Eventual Consistency in S3.
* Experience with software development and engineering.

***Tools Used:*** GCP Big Query, Cloud SQL, Cloud Storage, Cloud SDK, Compute Engine, Cloud Endpoints, App Sheet, App Engine, Firebase, Cloud APIs, AWS, EC2, Lambda, Elastic Bean Stalk, VPC, S3, RDS, DynamoDB, API Gateway, Code Commit, CloudWatch, Amazon Forecast, Amazon Fraud Detector, Amazon Personalize, Athena, Quick Sight, AWS Glue, AWS Lake Formation, IAM, Dataflow, DataProc

**Employer name: Metro Newspaper**

**Location: Mexico City / Sweden**

**Position: IT Director**

**Project Name: Roxen\_Metro**

**Duration: Nov 2010- Dec 2018**

**Description**: Managing 10 people, responsible for all of the IT Operation.

**Responsibilities:**

* We deploy the cloud newspaper system in AWS, Stockholm, Sweden.
* Role implementation for new clients to use their own resources on AWS.
* With my team we developed the system with AWS using Load balancer and elastic beanstalk for the reception of votes in the last elections in Mexico, it should be mentioned that Metro was the only printed medium that complied with the required security policies.
* Deep understanding of SAP’s solution and service offerings including packaged solutions, RDS, FBS, pre-defined services and starter packs, including the available functionality, business value, implementation effort and compatibility/integration with standard functionality.
* Demonstrate strong business acumen and deep understanding of client’s IT related business goals and challenges to ensure proper translation of the client’s needs into technology solutions
* Prepare statements of work (SOW’s) and advanced technology service estimates
* Participate in the strategy development and support Global Information System’s long range planning and annual strategic planning processes
* Work experience in architecting, designing and developing IoT solutions including Mobile
* Knowledge of various IoT (Internet of Things) technologies including Mobile, Java/.NET middleware, M2M, Cloud, etc
* Hands on experience in implementing industry-scale IoT solutions on at least one cloud platform such as GCP, AWS, Bluemix.
* Working experience on Native Applications on iOS and Android and good understanding of Hybrid frameworks such as Kony, PhoneGap, React Native, Xamarin, etc
* Good working knowledge of mobile security standards and mobile app analytics toolkits/frameworks.
* Experience of engaging with multiple stakeholders for eliciting requirements and crafting a solution architecture for mobile solution.
* Lead a team of mobile app developers and build innovative IP solutions that showcase thought-leadership and creativity
* Experience performing system architecture design of embedded applications
* Experience designing or implementing IoT messaging protocols in a production software release, including RabbitMQ and MQTT
* Experience designing or implementing networking protocols in a production software release, including TCP/IP, FTP, and HTTP

***Tools Used:*** AWS, Beanstalk, S3, VPC, Lambda, CloudWatch, AWS Auto Scaling, Cloud Trail, S3 Glacier & GCP Big Query, Cloud SQL, Cloud Storage, Cloud SDK, Compute Engine, Cloud Endpoints, App Sheet, App Engine, Firebase, Cloud APIs

**Employer name: Ogilvy & Mather**

**Location: Mexico City / NY**

**Position: IT Manager**

**Project Name: Co-Location Cloud WPP**

**Duration: March 2001 – Oct 2010**

**Description**: Managing 8 people, responsible for all of the IT Operation including GCP Servers Farm

**Responsibilities:**

* Development of WEB sites in the cloud for clients such as AMEX, Mattel, Coca-Cola, Nestle and Motorola and then derived to LATAM called Brandplace.
* End to end agile architecture across all layers
* Trading Technologies and ISVs
* Defines the system landscape, identify gaps between the current and desired end-states, and delivers cloud-based solutions
* Understands security and identifies encryption and controls needed to protect information
* Collaborates with enterprise architects and information architects to ensure cloud services align to roadmaps and understand the effect on the organization’s information architecture
* Liaises with external providers to resolve any issues in the functionality and interoperability of new cloud applications, cloud-based infrastructure, and other cloud services with existing IT systems
* Support customer incident, problem, and change management through the External Cloud Office’s service desk function.
* At Ogilvy & Mather one of the most complex projects was to migrate the farm of 33 on-premise servers to the Google Cloud , After generating the virtual machines and assigning the internal IP to my LAN (VPC), I dedicated myself to doing the Transfer of the Databases using Cloud SQL, after a long process at the end I obtained the user's acceptance signature, documenting everything as part of the change management process and complying with the internal policies for SOX.

***Tools Used:*** GCPBig Query, Cloud SQL, Cloud Storage, Cloud SDK, Compute Engine, Cloud Endpoints, App Sheet, App Engine, Firebase, Cloud APIs, AWS ,EC2, Lambda, Elastic Bean Stalk, EC2, VPC, S3, RDS, DynamoDB, API Gateway, Code Commit, CloudWatch, Amazon Forecast, Amazon, Amazon Personalize, Athena, Quick Sight, AWS Glue, AWS Lake Formation, IAM, Dataflow, DataProc

**EDUCATION**

* **Information Technology Science AIU, Honolulu Hawaii**

2005 to 2009

**CERTIFICATIONS**

* ITIL
* Amazon Web Services for professionals
* AWS Certified Solutions Architect
* Amazon EC2
* Cisco ICND1
* Project Manager
* Os X Server

**LANGUAGES**

* Spanish, English