



Jorge Rodriguez

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As a cloud architect, I help companies understand how to transform their Information Technology infrastructure, operations & applications to make the most of out of the scalability, innovation & cost efficiency on the AWS and Microsoft Azure platform.

SKILLS

- Experienced Cloud Solutions Architect
 - Proficient with Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS).
 - Bilingual- English/Spanish (Speak and Write)
 - Excellent communication, organizational, and leadership skills
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PROFESSIONAL EXPERIENCE:



Orange Care Group
2017 – Current

Cloud Architect

- Design standalone and hybrid cloud infrastructures.
 - Setup and maintain Infrastructure as a Service (IaaS) - AWS VPC, EC2, Load Balancers, Auto-Scaling, S3, IAM, CloudFormation, Opsworks, Chef and CloudFront.
 - Platform as a Service (PaaS) - Elastic Beanstalk
 - Software as a Service (SaaS) - Office 365 and OneDrive
 - Function as a Service (FaaS) – creating Python functions for serverless architecture using DynamoDB & Lambda.
 - Implementing ADFS - SSO with AWS and Office 365
 - Creating PowerShell scripts for A/D, Group policies and server tasks.
 - Setup development environment and automation using Github, Codebuild, Code Pipeline and Lambda.
 - Migrate key systems from on premise to Amazon Web Services
 - Created and maintained stacks using CloudFormation and OpsWorks with Chef.
 - Development of automated solutions to monitor systems using CloudWatch
 - Configure and administer AWS security groups, Watchguard Firewall, including VPN setup with AWS.
 - Implemented industry compliance and security standards including HIPAA and PCI DSS.
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Bitstream Inc.
2005 – 2017

Infrastructure Architect - Consultant

- Setup & maintain Azure virtual environment
- Setup AWS EC2 service and configure VPC's for virtual environment (Infrastructure as a Service - IaaS)
- Responsible for migrating Physical systems to Virtual (P2V) VMware environment.
- Software as a Service (SaaS) - Office 365 email cloud migration and administration.

- Diagram network layout, IP schema and orchestrate an efficient operating system and server roll out.
 - Plan and implement country wide WAN rollouts for corporate networks and site to site VPN's.
 - Setup and administer Vmware, Windows Servers, Linux Servers, Firewall, Routers, Active Directory, Policies, Internet Information Servers, Email Servers, MSSQL, DHCP, DNS, Remote Desktop Services and Corporate Antivirus.
 - Created a standard for backup procedures, monitoring server stability/bandwidth and implementation server side statistical software.
 - Setup and configuration of Firewalls, Sonicwall, Watchguard and Palo Alto.
 - Troubleshooting and implementing disaster recovery backup methodology.
 - Consulted for: United Technologies, Zensar, University of Miami, Lufthansa, Denic, Intrado, Estee Lauder, Sony Music Latin America and many more.
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Stephen Gordet & Associates
2003 - 2005

Infrastructure Architect

- Design and build of core systems and manage network infrastructure.
 - Implemented Microsoft ISA Server and new security structure to proactively protect corporate network.
 - Designing, building, and operating global IT infrastructures.
 - Implemented new backup methodology and improved data redundancy and recovery procedures.
 - Diagrammed network layout and upgraded network hardware which increased network performance.
 - Implemented Symantec Corporate Antivirus rollout and instituted scanning and update policies.
 - Orchestrated Intel router roll-out with router security implementation and best practices.
 - Setup and maintained corporate VPN for clients and servers.
 - Administered Microsoft SQL for client hosted databases.
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Vision Lab
2000 - 2002

Network Engineer

- Redesigned network infrastructure to run secure and efficiently segmenting network traffic
 - Implementation of corporate antivirus scanning software, system policies, backup schedule, firewall best practices login scripts, cloning software and various system standards and procedures
 - Setup and administration of Microsoft Exchange Servers, Internet Information Server, FTP and Microsoft SQL servers.
 - Support and administered Windows Servers.
 - Established a server monitoring system to alert server downtime on any country wide colocation facilities.
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EDUCATION:

- Miami Dade Community College - Miami, FL
- New Horizons - Computer Learning Centers

Certifications:



AWS Certified Solutions Architect - Associate
Validation URL: <http://aws.amazon.com/verification/C30TH7FCKMF1QM3M>

The AWS Certified Solutions Architect – Professional exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform. Key concepts that should be understood for this exam include:

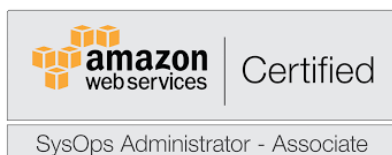
- Designing and deploying dynamically scalable, highly available, fault tolerant, and reliable applications on AWS
- Selecting appropriate AWS services to design and deploy an application based on given requirements
- Migrating complex, multi-tier applications on AWS
- Designing and deploying enterprise-wide scalable operations on AWS
- Implementing cost control strategies



AWS Certified Developer - Associate
Validation URL: <http://aws.amazon.com/verification/7E9RDJX21J111DWZ>

The AWS Certified Developer – Associate exam validates technical expertise in developing and maintaining applications on the AWS platform. Exam concepts that should be understood for this exam include:

- Picking the right AWS services for the application
- Leveraging AWS SDKs to interact with AWS services from your application
- Writing code that optimizes performance of AWS services used by your application
- Code-level application security (IAM roles, credentials, encryption, etc.)



AWS Certified SysOps Administrator - Associate
Validation URL: <http://aws.amazon.com/verification/4MXW0MSC11B4Q89C>

The AWS Certified SysOps Administrator – Associate exam validates technical expertise in deployment, management, and operations on the AWS platform. Exam concepts that should be understood for this exam include:

- Deploying, managing, and operating scalable, highly available, and fault tolerant systems on AWS
- Migrating an existing on-premises application to AWS
- Implementing and controlling the flow of data to and from AWS
- Selecting the appropriate AWS service based on compute, data, or security requirements
- Identifying appropriate use of AWS operational best practices
- Estimating AWS usage costs and identifying operational cost control mechanisms



AWS Certified Solutions Architect - Professional
Validation URL: <http://aws.amazon.com/verification/3VECCXGCBFF11VG2>

The AWS Certified Solutions Architect – Professional exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform. Example concepts you should understand for this exam include:

- Designing and deploying dynamically scalable, highly available, fault tolerant, and reliable applications on AWS
- Selecting appropriate AWS services to design and deploy an application based on given requirements
- Migrating complex, multi-tier applications on AWS
- Designing and deploying enterprise-wide scalable operations on AWS
- Implementing cost control strategies



Microsoft Certified Professional
Microsoft Certified Professional ID: 1182677

A Microsoft Certified Professional (MCP) is an individual who completes a professional certification program by Microsoft. Microsoft certifications train individuals on implementing Microsoft products into practical business environments.

*** *Currently Studying for AWS – Certified Devops Engineer - Professional*

References available upon request