




# 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.

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## SKILLS

- Experienced Cloud 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 networks.
  - 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
  - SaaS - Office 365 and OneDrive
  - 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 Chef stacks and layers using Opsworks
  - Development of automated solutions to monitor systems using Cloudwatch
  - Setup & configured Windows hybrid cloud domain across a VPN.
  - Configure and administer 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 Azure virtual environment
- Infrastructure as a Service (IaaS) - AWS VPC, EC2, Load Balancers, Auto-scaling, S3 and IAM.
- Responsible for migrating Physical systems to Virtual (P2V).
- 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, MS SQL, 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.



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.



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.

### **EDUCATION:**

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

## Certifications:



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 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 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



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.

*References available upon request*