**JONATHAN VALDES**

Azure Data Architect / Engineer

Jersey City, NJ

**PROFESSIONAL SUMMARY**

* **Having 12+ Years in IT and 5 years in Azure data engineer** **/ architect**, Design high quality architecture designs that meet customer requirements and are consistent with enterprise architectural standards.
* Work with the Enterprise Architecture/Application teams to gain consensus and establish infrastructure standards, policies and directions.
* **Expertise Azure Virtual Machine deployments.**
* **Expertise Azure Data Factory – Data Transformation, migrations, Cloud to Cloud, Server to Cloud, Cloud to Server.**
* Expertise App Services Deployment.
* Expertise Designing and Implementation Virtual networks, Subnets, Publics IPs, NSG’s, NIC’s.
* Subscriptions.
* RBAC Administration, Role-Based Assignment.
* Storage Accounts Deployment and administration, Containers, Queues, File Storages.
* Firewall and IP Ranges Configurations.
* Azure Conditional Access Implementation & User MFA Resets.
* User Reset Passwords, PowerShell Scripting & Azure Automation Development.
* Configure & Setup Azure Hybrid Connection to pull data from different sources
* Azure cloud file share implementation, managing operational on-premise file share to the cloud.
* Participate and provide input for PaaS migration strategy.
* Designing software components for implementing business requirements for applications within Entitlements system.
* Git-Hub version control integration with projects.
* Designed, configured and deployed Microsoft Azure for a multitude of applications utilizing the Azure stack (Including Compute, Web & Mobile, Blobs, Resource Groups, **Azure SQL, Cloud Services**, and ARM), focusing on high - availability, fault tolerance, and auto-scaling.
* **Experience with SaaS (Software as a Service), PaaS (Platform as a Service), and IaaS (Infrastructure as a Service) solutions**.
* Experience in dealing with **Windows Azure IaaS** - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways and Auto-Scaling.
* Experience in handling **Azure** Storage, Blob Storage, File Storage, Setting up of Azure CDN and load balancers.
* Experience configuring **Azure App services**, **Azure Application insights**, Azure Application gateway, Azure DNS, Azure Traffic manager, App services, Analyzing Azure Networks with Azure Network Watcher, Implementing Azure Site Recovery, **Azure stack, Azure Backup and Azure Automation**.
* Experience Resource tagging and assigning policies for the Subscription level & Resource Group level.

## CERTIFICATIONS

SQL Server 2012 R2 Advanced Management Achievement.

Cisco Systems CCNA Certificate of Achievement.

Managing Office 365 Identities and Requirements

**AZ-900: Microsoft Azure Fundamentals**

**AZ-104: Microsoft Azure Administrator**

**AZ-303: Microsoft Azure Architect Design**

## TECHNICAL SKILLS

|  |  |  |
| --- | --- | --- |
| Concept  | Technology | 13 years |
| Cloud Profile | Office365, **Azure**, SharePoint, Okta, Exchange, PowerApps, PowerBI, **Azure Active Directory,** Teams, Security, Compliance, OneDrive among other apps.  | 9 |
| Architectures & Designs | Single Page Applications, Service Oriented Architectures, Client-Server, N-tier architecture, Cloud Based Architectures. | 8 |
| SharePoint Technologies | SharePoint Online (365)/2013/2010/2007, InfoPath 2013/2010/2007, CAML, LINQ, and Excel services, WSP, 2013 App model, Power Automate, PowerApps | 7 |
| SharePoint Workflow Tools | Workflow 2013, SP Designer, Workflows | 6 |
| BI Tools | SSRS, SSIS, SSAS, Power BI | 6 |
| JavaScript/ CSS | JQuery, Bootstrap, CSS3, C# | 5 |
| Languages | C#.Net, ASP.Net Webforms, ADO.Net, HTML5, XML, CSS3 | 3 |
| Web Servers | IIS Server (IIS) 5.0/6.0/7.0 | 3 |
| Operating System | Microsoft Windows 98/NT/XP/2003/2008/2012, UNIX, LINUX | 7 |
| IDE | MS Visual Studio 2005/2008/2010/2012/2013/2015 | 6 |
| Tools | Visual Studio 2012/2013, Active Directory, SQL Server Management Studio | 6 |
| Source Control Tools | TFS, GitHub | 7 |
| Frameworks | .Net Framework 2.0/3.0/3.5/4.0 | 6 |
| Migration Suites | Metalogix, Sharegate, Dell migration, Mover | 5 |

PROFESSIONAL EXPERIENCE

**Southern California Edison (SCE)** Nov 2019 - Present

**Title: Azure Cloud Architect**

**Description:**  Southern California Edison, the largest subsidiary of Edison International, is the primary electricity supply company for much of Southern California.

**Responsibilities:**

* **Successfully Azure Design** - implementation for naming standard policies.

Azure ARM Templates – implementation, development, and integrations.

* **Architecting IMT Operations and transfers between vendors and SCE** - Data integration and transformation more than 2 TB of data on daily basis. Creating project plan for Design, Build and Test phases.
* **Create Solution Architecture** based upon Microsoft Azure PaaS Services. Design solution for various system components using Microsoft Azure.
* **ADF Architecting** and Pipelines Orchestration with Azure Data Flows.
* **IMT Operations and transfers between vendors and SCE**, Data integration and transformation more than 2 TB of data on daily basis. Creating project plan for Design, Build and Test phases.
* **Data Factory Integration with Blob Storages** on Azure, On-Premises servers connected through Azure Integration Runtime.
* **Architecting CI/CD** with ADF and GitHub.
* **Daily process automation** that copies data from Cloud Containers to NAS storages on premise locations.
* **Script Development, Recognition Pattern with Azure Functions** - Script that recognized customizable patterns on file names, these files were saved on blob storages and all the coincidences were copied to another location on different containers.
* **Coordinate with external teams to reduce data flow issues** and unblock team members, orchestrate and completely automate build & deployment process using PowerShell.
* **SQL database migration to Azure SQL database**, different schemas and update all the connection applications to use cloud env.
* **Azure Implementations -** Setup up resource groups, setup key vault, Storage account.

Setup V-net, Subnet, RBAC Rules, NSG Rules, Peering, attach managed disks.

Setup Availability Sets, Availability Zones, Multi VM Consistency etc.

Setup **Azure Data factory** with Azure Devops.

**Code repository for the data factory** with GitHub which enables source control, release management.

* **Architecting Azure environment** management groups.
* **Able to setup DEV, QA/INT UAT** and production in separate resource groups.
* Create Resource Group and Storage account first step.
* **Create linked services** in **azure data factory** second step. Create data sets in data factory. Create data flow in **data factory.**
* **Able to Automate SFTP** Source to Blob Destination files transformation.
* **Able to transform currency** exchange rate using the CSV files.
* **Designing the implementation** to trigger pipelines dependent on one another in **data factory**.
* **Implemented high availability** with Azure Classic and Azure Resource Manager deployment models.
* **Designed Network Security Groups (NSGs)** to control inbound and outbound access to network interfaces (NICs), VMs and subnets.

 **Kontoor Brands, Queretaro, Mx** September 2018 – Nov 2019

**Role: Azure Data Engineer**

**Description:**  Kontoor Brands is a global lifestyle apparel company, with a portfolio of some of the world's most iconic denim brands: Wrangler® and Lee®.

**Responsibilities:**

* **Architecting and designing** large enterprise scale services with high throughput, low latency, high scalability and availability.
* **O365 Administration** – Administration and Support for the O365 Queue, providing 2nd level solutions to different technologies, including but not limited to Azure AD, OnPrem AD, Exchange, Governability, Policies and Standards, Retention recovery, Mail flow, mailbox support, OneDrive, Azure resources provisioning.
* **Introduced App-Insights for telemetry logging**, it proved to be immensely helpful for support engineers during production support.
* **Successfully project engaged with the CTO**, for product development and sold them the idea of moving all existing legacy software solutions to the cloud. This resulted in a multiyear multimillion dollar R&D initiative for my group.
* **Migration Development** – Preparing the environment to migrate the data from operations stored in different on-premises sources to Cloud based solutions, bringing user data to the cloud and consuming this data with other applications among SharePoint.
* **Lotus Note Migration** – Update mail and flows activities development in a lotus note domino environment to O365.
* **Successfully used ARM templates for production deployments**. Provisioned Azure resources included Key Vaults, Cosmos Db containers, Service Fabric applications, Event Hubs and more.
* **Successfully created multiple Azure Logic app’s** for meeting certain client needs for raising ICM tickets and push notifications.
* **SharePoint intranet design, templates** – Determine all the templates and design to use in the main portal as well the components required.
* **Architecting** integration with logic apps and event hubs cosmos DB.

**Roivant, New York** June 2016 – September 2018

**Role: Office365 Cloud Specialist / SharePoint Online**

**Description:** Roivant Sciences is a global healthcare company focused on realizing the full value of promising biomedical research to improve the lives of patients and their families.

**Responsibilities:**

* **SharePoint Started Structure** – Designed and implemented all the structures to support more than 125 TB, splitting data into 16 site collections.
* **Migration File Server to SharePoint** -The Company had a lot of data constantly growing up stored in NAS with reduced space.
* **Migration Dropbox to SharePoint** – Data from other areas was stored in Dropbox, was moved to SharePoint Online.
* **Integration Services** - Services Integration and other SaaS applications with SSO through Okta services. Groups were created directly in the active directory centralizing the entire environment and improving the control of the organization.

**Environment:** Cloud Administration, Office 365 Services, IT retention policies, Data Governance, Reports & Metrics, Okta integration and administration, Salesforce integration (SAML), Asana (SAML), Adobe Sign, Zoom (SAML), Two Factor Authentication, Single Sign-On (SSO), SharePoint Administration.

 **Herdez Group, Austin, MN** August 2015 – June 2016

**Role: SharePoint Architect / SharePoint Technical Leader**

**Description:** Herdez Group is one of the leading food company Industry in USA and Mexico

**Projects:**

* **SharePoint centralization** - Identify, plan, and execute the migration of application and reduction of all the servers with SharePoint 2010.
* **Coupa expenses information** - Used SharePoint to display the information from other applications, taking this data from SQL databases.
* Virtual Store – SharePoint is used in the backend to display Herdez products to sell internally to the employees.
* **Manhattan Business Process (MBP)** - Integration of Manhattan, (Software/Application) to work with different applications and improve the business process.
* **Governance and Metrics** - More than 250 web applications in 25 redundant servers. Creating policies and governance metrics, to ensure the reliability of the applications.
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**Responsibilities:**

* Branding master page from SharePoint Online 365, Develop Sites and Sub-sites within the site collections, and created new Site Permission levels and Groups for SharePoint 2013 site.
* Development using K2. Creating Forms, workflows, integration with SharePoint, smart objects.
* Create sites for different areas following the layout presentation of the company.
* Extend the user adoption of SharePoint to take control of the most important areas in the company in business processes.
* Create a new SharePoint topology and architecture.
* Decrease licensing use of SharePoint, focused on SharePoint 2010, to improve technology in the area.
* Develop solutions using dot net integrated with SharePoint using SOM and CSOM.
* Creating Database connections using BDC/BCS framework.
* Developing reports using SQL Server Reporting Services (SSRS) and creating various types of reports.
* Create and configured Timer jobs based on business requirements. Workflows Creation.
* Creation of new Sites on The Server Farm.
* Use of PowerShell Commands, Backups creation at the level site, level farm, libraries, list.
* Use SharePoint Design Software, Modification of Master Page on Advanced Design. Out of box
* Creation and specification of Storage Limit, Development, and administration of sites like owner management administrator.
* Failover configuration adding servers to farm and selection of priority execution services to have dedicated servers.
* Creation of XSL Views to integrate with list and libraries. Migration of Applications, Site Collections, List and Libraries

**Environment:** Power BI, C#.Net, JQuery, SOM, CSOM, JSOM, JavaScript, Bootstrap, SharePoint Server 2013/2010, Visual Studio 2012/2013/2017, ASP.NET, SSIS, T-SQL, Web services, SharePoint Designer 2013, Windows Server 2012 R2, SQL Server 2014, Power Shell, HTML5, CSS3, Share gate, Dell Migration Suite. CAML Queries, XSL Designing. ULS, Flows, Azure.

 **Schlumberger, Anzures Polanco, MX** October 2011 – August 2015

**SharePoint 2013 Team leader**

**Description:** Schlumberger is the world's leading provider of technology for reservoir characterization, drilling, production, and processing to the oil and gas industry.

**Projects:**

* **Octopus Project** – Centralized system that obtains the information from different sources and different databases from SQL Server.
* **Migration of information to CNH** – because of the electrical reform we had to move a restructure the information from oil wells, from the database to another platform, using external disk drives, and moving the information to the client.
* **ProSource** – Creation of forms and structure boards to display the information and wells location in all the country (Mexico)
* **InnerLogix**- - IT validations and a lot of logical filters were developed to validate and regulate the information of the database.
* **PMO Office SharePoint** – Site collections and sub-sites were created under custom code to display project information in the 2010 platform in SharePoint.
* **Marketing Approvals** –A business process that helps with the approval of the new products of the company.

**Responsibilities:**

* Managed the security farm and maintain all the dependencies documented. Solve emergencies with the services.
* Involved in adding servers to the farm and give recommendations about new topologies or designs on the farm. Created and configured Timer jobs customized using dot net.
* Worked on different Libraries and Lists, created Views, and customized them. Creating a customized list and libraries generating new XSL views
* Used SCOM development using JavaScript and AJAX. Generate sentences of selection and filtering using CALM queries.
* Search Services configuration. Integration with 2 or more domains. Creation of Security Schema Groups
* Auditing Reports, Alerts, Asp.net integration with SharePoint for personalized projects.
* Created timer job executions, Reporting services integration, subscriptions.
* SQL Server Installation. Security Schemas, Logins. SQL Browser connection configuration. Administration Windows Server Network Load Balancing. Cluster Configuration.
* Reporting Services. Installation and Design Topologies for InnerLogix & ProSource. SharePoint Designer

**Environment:** SharePoint Server 2013/2010, Visual Studio 2013/2010, C#.Net, JQuery, JSOM, JavaScript, Bootstrap, ASP.NET, InnerLogix, ProSource, SQL Server 2012/2008, T-SQL, SharePoint Designer 2013/2010, Windows Server 2008/2012 R2, SQL Server 2012/2014, Power Shell, HTML5, CSS3, ULS

**Colletion Management Group, Anzures Polanco, MX** November 2009 –January 2011

**SharePoint Developer**

**Description**: Collection Management Group works directly with important banks. Takes the clients and administer his accounts. I was assigned to develop systems using different technologies, principally in SharePoint and dot net c# and, I had to monitor databases to ensure the availability of all the applications in the area.

Audit System Project. - This project consist in having all the. Documentation gathered.

**Responsibilities:**

• SharePoint 2010 Design and branding.
• Modification of Master Page on Advanced Design. Out of the box
• Experienced SharePoint 2010 Development
• SharePoint 2010 design for small, mid, large topology.
• Creating customized list and libraries generating new XSL views
• Use of Stylesheets CSS.
• Integration with JQuery.
• Knowledge of HTML.
• Knowledge of XML.
• Knowledge of JavaScript.
• Dynamic Screen Adaptive.
• Worked on different Libraries and Lists, created Views and customized them.
• Use of Media Queries to assign different Stylesheets and create dynamic site
• Configuration and management Active Directory and Exchange.
• Creation Unit Organizations and Accounts management, Rolls, Groups.
• Configuration creation of LUNs
• Configuration Terminal Services
• Configuration environment of Windows Server 2008 R2.

Environment: SharePoint Server 2010, Visual Studio 2010, C#.Net, SOM JavaScript, ASP.NET, T-SQL, SQL Server 2014, SQL Workbench, SharePoint Designer 2010, Windows Server 2008, Power Shell, HTML5, CSS.

**Education:** Computing Science Engineer, B.S. UCI University

**O365 & EXCHANGE**

* Exchange configuration.
* Creation and configuration of distributions list.
* Group’s list, business emails, equipment rooms.
* Shared emails.
* Roles Assignments.
* User license assignment.
* Conditional Access.
* Governance and policies.
* License app assignments applications with conditional extension properties.
* Policies, Rules, email tracing.
* Domain’s aggregations.
* PowerShell Scripting. (MSOL Libraries, Exchange-Online Libraries)
* Documentation and Maintenance of Client/Server and Web Applications

**SHAREPOINT**

* 6+ years of experience developing responsive applications using SharePoint & Bootstrap.
* Expertise designing branding for SharePoint 2013 \ Online.
* Expertise with Dell Migration Suite, Sharegate, Metalogix, Mover, to execute migration plans from SharePoint.
* Extensively worked in developing OOB solutions using JavaScript, jQuery, JSOM, and SharePoint 2013 App model.
* Hands on experience in Design and Development of User Interfaces using HTML, JavaScript, LINQ, CSS, ASP.Net, XML and AJAX.
* Experience developing SharePoint 2013 app model solutions using JavaScript client object model & REST API.
* Extensive experience in using InfoPath forms, SharePoint Designer to develop OOB solutions.
* Expertise in configuring Active Directory, IIS Configuration, cluster and related environment.
* Experience with Sharegate to generate and execute migrations from SharePoint 2010 / 2013 / SharePoint Online.
* Hands on experience using, SharePoint designer.
* Experience with migrating/upgrading from SharePoint 2007/2010/2013.
* Administrating, installing, maintaining SharePoint 2007/2010/2013/2016 farms and service applications.
* Hands on experience in creating workflows designs for business processes.
* Hands on experience in creating database connections using the BDC/BCS framework.
* PowerShell scripting (PnpLibraries, SPOLibraries)
* SharePoint Sites Flat Structure and Inherit structure deployment