






Juan Posadas

Cloud Solutions Architect

MY INFO

-  Houston, Texas
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SOCIAL

 [jjpr17](#)

SKILLS

- + Azure PaaS & Serverless
- + C#, .Net Core, DevExpress
- + Angular, JavaScript
- + SQL Server, Power BI
- + Identity & Access Management, AAD
- + Data Analysis & Modeling

STRENGTHS

- + Leadership Skills
- + Critical Thinking, Improving Processes
- + Creative, innovative, and self-motivated
- + Decision maker and goal oriented
- + Lifetime learner
- + Problem Solver

HOBBIES

- + Volleyball
- + Wood Working
- + Travel

EDUCATION

- + MBA E-Business, Cum Laude, University of Phoenix 2004
- + Multiple Leadership Certifications

MY WORK

Cloud Integration Architect | UT MD Anderson Cancer Center

Sept. 2019– Present // Quantitative Research Computing, Houston, Tx

Plan, architect, and supervise multiple software integration projects, cloud applications, and third-party solutions as required to meet the business requirements of the organization. Connect cloud apps and hybrid integration flows across on-premises and cloud environments and develop web apps using server-less technologies. Streamed workflows for multiple areas from data acquisition, processing, and reporting by saving at least 50% of the time for mid-size teams.

[Major Pathological Response \(MPR\)](#) | Architected Solution & Lead Development Team

- + Developed for the International Association of the Study of Lung Cancer (IASLC). Full blown platform to standardize pathological tissue evaluation and histological information.
- + Implemented PaaS. Web Services, Storage Accounts, SQL Azure, and CDNs

[Polyp Counter](#) | Architected, Developed, and Implemented entire solution

- + Developed for SLA Pharma (UK) as a platform to review and score endoscopic procedures
- + Implemented PaaS. Web Services, Storage Accounts, SQL Azure, CDN, Angular, .Net Core 3.1, and setup Azure Virtual Machine including Domain and AD, firewalls and IIS,

[PACMEN](#) - Pancreatic Cancer Network | Architected and Defined Technology Roadmap

- + Consortia of over 25 centers collaborating in a single platform sharing multi-terabyte data in the cloud, document tracking, and scientific publications.
- + Implemented PaaS. Web Services, Storage Accounts, and SharePoint.

Senior Data Integration | UT MD Anderson Cancer Center

August 2017 – August 2019 // Quantitative Research Computing, Houston, Tx

Participated in defining the vision and technology roadmap for the next generation of research applications Cloud and On-Premises. Part of the team defining major institutional architecture and design decisions for intra-system Integrations. Developed and implement technology standards. Ensure consistency of solutions and architecture across multiple projects: APOLLO, EPIC, BLIMS, and BIG-Data among others. Review code and project deliverables to ensure conformance with industry best practices. Co-author in scientific papers related to the tools developed.

APOLLO | Architected, Developed, and Implemented Solution

- + Supports an MD Anderson Moonshot for acquisition, tracking, and QC of bio-samples for over 65+ clinical trials. Additionally, provides real-time reporting and dashboards and connects to other systems to produce cancer breakthroughs. It has reduced manual processes up to a 90% resulting in the growth of studies from 10 to 65 in .
- + Strategic Pharmaceutical Alliances are investing in this pipeline at an average of 4/mo.
- + Implemented On-Premises Infrastructure IIS, SQL Server, Dot Net Core 3.1, Angular 2.X, DevExtreme, Web APIs

Participated in defining the vision and technology roadmap for the Division of Cancer Prevention and the Office of the Vice-President. Pioneered SharePoint (in 2005) to enhance international consortium (13 Centers) collaborations saving \$250k in traveling expenses related to audits (in 4 years). Analyzed, architected, and developed over 10 large applications. Lead a team of five IT and Software Developers in the Division.

N01 Consortium | Architected and Implemented SharePoint solution

- + The purpose of the consortium is to manage collaborative efforts and implement clinical trials across multi-sites to speed up Cancer Prevention medications and therapies.
- + Implemented infrastructure and deployed SharePoint to enhance data management, clinical trial statistics, site visits, and audits.
- + Integrated with internal Clinical Trial Management System to handle Trial Conduct and Patient Randomization.
- + Presented SharePoint implementation to other consortiums at National Cancer Institute (NCI) Conferences.

Cancer Prevention Portal (MAP) | Architect Developer, and Trainer

- + The portal's purpose was to manage and integrate multiple aspects of the Division of Cancer Prevention such as to administrative, clinical, financial, grants, and fellow tracking that produced real time reports.
- + Built from the ground up, implementing Active Directory Authentication, Dot Net Framework, Web-Forms, SQL Server
- + Built a smart database driven code generator that cut development time by almost 95%.
- + Implemented Power BI to deliver key reports and statistics to the Vice-President of Cancer Prevention and the Financial team.
- + Implemented DevExpress Report Server to deliver reports on schedule based on MAP real-time data

Manager | Team Lead

- + Managed a talented team of developers and infrastructure to implement Active Directory, File Servers, SAS Servers, SharePoint, and Web Applications. Set standards like TFS, AD, and Visual Studio

Senior Systems Analyst | UT MD Anderson Cancer Center

Sept. 2000 – Aug 2006 // Houston, Tx

Analyzed, developed, and implemented web applications supporting Clinical Trials and Bio-Specimen Tracking. Pioneered Dot Net 1.x, SQL Server, and Reporting Services, and the concept of Web Applications for Clinical Trials. Responsible for the creation of a new group (20 developers) devoted to Clinical Trial Software Development. Main projects include Multi-Center, DoD, and international Collaborations.

Lung P01, EPOC, Tissue Bank | System Analysis, development, implementation, and training

- + The main purpose of these systems is to electronically manage clinical trial data-entry and to provide clean datasets for statistical analysis, track bio-specimens and shipments, and go paperless and Excel Free.
- + Applications speed up data analysis by saving months of manual data-cleaning and providing pristine results, easy to query and reproduce.
- + Had multiple focus areas: technical, consultant/analyses, and training. Implemented new technologies, setting up infrastructure, and trained junior developers. Analyzed and streamlined manual process related to, but not limited to the clinical trial areas. Traveled to sites in the US and Europe to training users.
- + Lead a team of 5 junior developers

Web Application Developer | MEDIANET – Contracting out for Shell/Equiva

March. 2000 – Aug 2000 // Houston, Tx

- + Developed a web application to manage business accounts and to facilitate expense reporting across the Alliance for about 25k accounts (ASP 3.0, Oracle 8i)
- + Maintained the Electronic Document Interface (EDI) and rewrote UNIX scripts to improve the transfer of documents such purchase orders, ship notes, and acknowledgements among refineries

Web Application Developer | Ashford.com

Sep. 1999 – March 2000 // Houston, Tx

- + Part of a dynamic team during the “dot.com” era where I developed tools to streamline the delivery of content and the point of sale for the online store (ASP 3.0, SQL Server, JSP, JavaScript)
- + Developed tools for the front and back-end office to expedite product shipments

UNIX Global Administrator | Holland Chemical International

Oct. 1998 – Sep 1999 // Houston, Tx

- + Lead efforts for a smooth Y2K transition Worldwide by traveling to multiple sites
- + UNIX System Administrator for Latin America, U.S. and Europe (HP-UX)

Configuration Manager Officer | Lockheed Martin/ Johnson Space Center NASA

Sep. 1997 – Oct 1998 // Houston, Tx

- + Built scripts for integration of the FEPs in the Mission Control Center (MCC) in Houston (awk, sed, Sun Solaris, SG IRIX)
- + Configured and tested laptops with software utilized in the International Space Station (ISS)

Virtual Reality Developer | Argonne National Laboratory (DoE)

Jan 1997 – Oct 1997 // Argonne, IL

- + Worked in the Reactor Engineering Department implementing complex mathematical models and datasets in the Cave Virtual Reality Environment (CAVE)
- + Developed computer software capable of visualizing finite elements in the CAVE for car crashes tests (Open Inventor, OpenGL, C/C++, Silicon Graphics IRIX)