Ryan P. Sands

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Objective | **Transforming healthcare through the design of enterprise scale intelligent systems**

Profile

20 years of experience in IT with a broad array of systems, applications, methodologies and programming languages

- Building trusted relationships with customers and partners
- Interfacing with many levels of leadership in a large enterprise
- Technical lead on transformative projects
- Architecting cloud-native systems and modernizing legacy applications

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Education

B.S., Psychology, Cum Laude, Arizona State University

M.S., Computer Information Systems, Florida Institute of Technology

Microsoft Certified Systems Administrator, A+ and Net+ certified

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Accomplishments

- Lead successful large scale technical partnership and sales engineering engagements with healthcare payers, retail pharmacies and clinical laboratories
- Platform architecture for multi-tenant SaaS platform on Amazon Web Services
- Designed and delivered a Python robotic process automation framework, and provided architecture leadership for the organizational process automation journey
- Created multiple enterprise reference architectures such as Application Security, Software as a Service, and Enterprise Application hosting.
- Designed multiple components of the organization's enterprise modeling language and solution architecture process
- Drove the adoption of the enterprise architecture practice at a major non-profit health system
- Designed infrastructure and application architectures for major systems, including consolidated Oracle and SQL environments, Enterprise Tomcat farm, Sharepoint, and Web content management

Employment

Senior Solution Architect, *Ascension Health,* St. Louis, MO
Designed and lead development for transforming ERP application data to
Oracle Fusion format
Architected SDLC strategy for PeopleSoft to Oracle Fusion Apps conversion
Designed Data Archival strategy to enable the Oracle Fusion enterprise program

2023-Present

Lead Solution Architect, *ixlayer*, San Francisco, CA
Architecture leader and developer of an enterprise scale laboratory testing
system abstracting the web services of many clinical laboratories, running
Django Rest Framework and Lambda services on Amazon Web Services (AWS).

2021-2023

Managing Principal Architect, Automation, *Dignity Health*, Phoenix, AZ
Architect for process automation and custom development platforms, including
Java, Python, and C#. Hands on Python development, packaging and
deployment. Lead a team of 15 automation developers.
Technical lead for enterprise contact center and customer data platform (CDP)
on Salesforce Marketing Cloud, Healthcloud, and Adobe with a Mulesoft API
abstraction layer for disparate enterprise health record systems (EHRs)

2019-2021

Principal Architect, ERP, *Dignity Health*, Phoenix, AZ
Platform architect for the organization's enterprise, resource and planning
systems as well as all ancillary applications

2018-2019

Lead Solution Architect, *Dignity Health*, Phoenix, AZ
Platform architect responsible for strategy, governance and solutions for ERP,
Sharepoint, and numerous other enterprise applications

2014-2018

Application Architect, *Dignity Health*, Phoenix, AZ
Selection, architecture and governance for enterprise business applications at a
major healthcare company
Leadership of fledgling enterprise architecture program

2010-2014

System Engineer, *Dignity Health*, Phoenix, AZ
Transitioned from Perot Systems to contracting company Dignity Health
Financial and administrative system engineering, administration and support in
a J2EE and Microsoft environment
Supported Lawson, a multitude of Lawson ancillary products & interfaces,
Ceridian, Crystal reports, Paybase, ImageNow, on platforms of Windows
2000/2003, AIX, Tomcat, WebSphere, SQL 2005/Oracle, Tivoli Directory
services, and Edirectory/Active Directory
Scripting, automation, and light programming (VB.NET/Java)

2008-2010

Skills

IT Strategic planning, governance, roadmaps, and enterprise architecture

Django Rest Framework, FastAPI, Amazon Web Services (AWS) PaaS and IaaS

Martech, CRM and consumer experience concepts with Salesforce and Adobe stacks

Robotic Process Automation (RPA), Solution Architecture, Systems Analysis

Enterprise multi-tier application architecture and engineering

Building and maintaining relationships with vendors such as IBM, Oracle, Axway, Perceptive Software, and Infor

Lawson, Lawson API, Interfaces, Lawson Mobile Supply Chain, LBI

ServiceNow and Remedy for service management, incidents, requests, problems & changes

Python, C#, Java, Javascript, PHP, Shell Scripting, SQL, Perl, VBScript

Git, Azure DevOps & Bitbucket

Selenium, Postman, PyTest

Test Driven Development, Domain Driven Design, Agile Development

Windows Server, Unix (AIX) and Linux (SUSE, Redhat/CentOS) operating system administration

Oracle, Microsoft SQL, MySQL, SQLite database platforms and development