**Lead Solutions Architect / IT Director**

# **Summary Of Qualifications**

Accomplished, innovative, and solutions-oriented IT professional, with extensive experience in overseeing corporate technology architecture in the areas of virtualization, cloud services, datacenter technologies, server architecture, enterprise storage, routed and switch networking, and solutions development within multiple information technology disciplines.

*Additional qualifications include:*

* Proven success in providing consultative guidance and technical leadership to a wide range of technology initiatives focused on Virtualization and Cloud Solutions, Enterprise-wide Management Products, Collaboration Platforms, Integrated Workplace Management Systems (IWMS), Enterprise Resource Planning (ERP) solutions, Content Management Systems (CMS), and Enterprise Content Management (ECM) systems.
* Broad understanding of technical architectures, standards, and strategies. Astute at controlling and minimizing technology debt. Exposure to DevOps including Agile development, CI/CD toolchain, Infrastructure-as-a-Service (IaaS), Infrastructure-as-Code, high availability, and performance monitoring, as well as Site Reliability Engineering (SRE) and practices as related to software engineering.
* Experienced with public facing intake websites by maintaining .gov Federal websites for Treasury Services/Bureau of the Fiscal Service. Executed infrastructure maintenance and troubleshooting. (Azure, AWS, and legacy IaaS). Completed regular code migrations. Assisted with development of TOGAF Artifacts and Architecture Review Board. Contribute key efforts to requirements gathering and design document creation. Represented the system in security lifecycle assessments. Performed updates to Logical Architecture Diagram and Network Boundary Diagrams. Analyzed Document Framework Architecture for consistency with submissions. Monitored evolution of requirements, identified misalignments, and provided change directives to the Development Team. Served as a provider guidance on optimization and efficiency enhancements.
* Adeptness in configuring and implementing various security and architectural solutions to drive and guarantee high availability and optimum performance.
* Effectiveness in building consensus, providing technical guidance to executive management, as well as leading and mentoring cross-functional teams and modern engineering teams to ensure project success.
* Experienced about the target audience and skilled at using solid communications acumen to create an effective and persuasive messaging tailored to the specific target audience. Able to clearly and concisely communicate with stakeholders both orally and in writing.
* Solid background in managing and leading indirect reports of resource expectations and tasks assignments.
* Strong education foundation in business backed by proven track record of success in developing synergies on matters ranging from teaming to assessing and managing risk while extending through nuances such as creating and capturing value for the organization, overseeing and evaluating performance using statistics and data to drive business decision, leading with integrity, breaking down silos, fostering an innovation mindset, as well as optimizing business resources and digital assets through cross utilization and reusable designs.

# **Areas of expertise**

System Security Design and Management
Data Engineering

Systems, Solutions, and Applications Architecture

System Engineering and System Administration

Network Engineering and Network Communication

Cloud and Virtualization Solutions

Disaster Recovery Planning and Engineering

Security Assessment

Risk Assessment and Identity and Access Management

Vulnerability Remediation and Patch Management

# **Relevant Experience**

MGIC (Mortgage Guaranty Insurance Corporation), Milwaukee, WI

**Lead Solutions Architect** Aug 2022–Present

* Providing technical and architectural solutions to meet the organization's current business with emphasis on HR, Finance, and Legal initiatives.
* Responsible for development of the overall vision for the projected solution and transforms the information and technical requirements into an architectural blueprint to achieve business objectives.
* Work with enterprise architecture, applications, and infrastructure teams to produce optimal, high level design for projects.
* Ensures technology initiatives are implemented with the existing or planned framework.
* Develop plans to integrate systems from differing departments into an open system to achieve the larger intentions of the client.
* Maintain comprehensive technical documentation; creates and maintains conceptual data model, entity relationship diagrams, and logical models.
* Responsible for the successful completion of assigned projects, including creating detailed program documentation.
* Perform private cloud and virtualized infrastructure configuration and maintenance, and completed cloud migrations of on-premise implementations to hosted solution offerings

***Key Highlights:***

* Designed and developed various complex systems.
* Honed deep fundamental understanding of financial, accounting, human resource, and legal concepts.
* Cultivated in-depth knowledge and understanding of SAAS products and their features
* Developed nuanced understanding of implementation models (hybrid solutions, on-prem and cloud).
* Integrated modern systems and technology with legacy platforms.
* Breadth of experience in system architecture, design, and implementation strategies.

No Problem Atoll Technologies - An IT Solutions Company, Clearwater, FL

**IT Director / Enterprise Architect** Mar 2005–Present

* Function as senior technical resource for an IT consultancy to various client firms. Lead projects from software platform implementations to the management of off-site servers encompassing administration, maintenance, and optimization
* Demonstrated adeptness in Microsoft Technology Stack and the Windows Server product of Families including advanced functions like Hyper-V Virtualization, Virtual Machines, Failover Clustering, High Availability, Load Balancers, Storage, PowerShell, Server Core and nuances such as HAL, Hypervisor
* Direct and monitored systems implementation of business line and industry specific software, ERP, ECM, Matter Management, Time Management and Billing, Reservation and Billing systems, Messaging Solutions, Online Software Delivery (OSD), Business intelligence (BI), and Reporting servers
* Display competency in executing network planning, installation, and configuration, such as DHCP, WINS, DNS, TCP/IP, QOS for VOIP, Firewalls, and Remote access VPN with RRAS
* Assist with the acquisition and implementation of new equipment to client’s environment
* Maintain interaction with clients on web development projects focused on search engine optimization (SEO) and exposure campaigns that included facilitating training to clients on leverage blogs, Wikis, social media networks, and back linking campaigns
* Drive efforts in providing technical solutions through site hosting, DNS configuration, and domain management
* Perform private cloud and virtualized infrastructure configuration and maintenance, and completed cloud migrations of on-premise implementations to hosted solution offerings

***Key Highlights:***

* Restructured legacy application systems to employ leverage microservices, serverless architectures, and lambda functions
* Optimized PowerShell scripts and procedures to utilize the advanced Office365 cmdlets, PowerShell for Microsoft 365 modules, and Azure AD modules to create bulk updates to settings and configurations of mail domain, mailboxes, and user accounts
* Improve scripts and procedures to interact with the GoDaddy through the developer API through scripted curl commands to make bulk updates to DNS records, hosting settings, web domain ownership information, and contact data reported through WhoIs per ICANN requirement

Federal Reserve Bank of Dallas, Dallas, TX

**Solution Architect / Senior Middleware Administrator IV** Jul 2011–Jun 2022

* Serve as a Solution Architect, Senior Middleware Administrator IV (with privileged access), and Team Lead for the Platform Services Team supporting Information Technologies Systems used enterprise wide by a user base spanning all 12 Districts of the Federal Reserve System
* Act as a member of the Federal Reserve Systems FSO Architecture Review Board, while fulfilling role as architect representing the Lawson / XM, Perceptive Content, Archibus, FedTrac / WebTMA, and Treasury Services
* Oversee the Bureau of Fiscal Services operations that involves public sites, web applications, as well as intranet WebApp, Message Queue Infrastructure
* Administered public facing intake websites by maintaining .gov Federal websites for Treasury Services/Bureau of the Fiscal Service. Executed infrastructure maintenance and troubleshooting. (Azure, AWS, and legacy IaaS). Completed regular code migrations. Assisted with development of TOGAF Artifacts and Architecture Review Board. Contribute key efforts to requirements gathering and design document creation. Represented the system in security lifecycle assessments. Performed updates to Logical Architecture Diagram and Network Boundary Diagrams. Analyzed Document Framework Architecture for consistency with submissions. Monitored evolution of requirements, identified misalignments, and provided change directives to the Development Team. Served as provider guidance on optimization and efficiency enhancements.
* Administer and maintain support windows by executing code migrations, DNS updates to enable changes to the front-end webservers in the DMZ controlling website redirection rules and configurations
* Spearhead technical operations for Archibus on facility management solution/integrated workplace management solutions (IWMS) which includes managing the transition of the legacy platform iteration between districts within the Federal Reserve System along with server migration to the Fed’s newest private cloud offering
* Play a pivotal role as a technical lead and architect of the Perceptive Content Enterprise Content Management (ECM) system to support the system interactions
* Managed the Integrated Workplace Management Solutions (IWMS) project as the solution architect, and functioned as technical leader and architect of the Archibus system by designing the re-architecting of the legacy implementation to migrate the solution to IaaS in combination with upgrade to vendors latest release level
* Setup the IBM MFTs with related system to monitor the infrastructure integration with the new cloud-based environment
* Closely track the evolving project timeline and coordinate systems being sunset to identify and address anticipated system configuration state for ongoing efforts
* Exemplify skills in delivering technical guidance on patch/update/upgrade necessity, security changes, and requests for infrastructure based configuration changes triggered by preexisting milestones, deadlines, lifecycles, and security and/or vulnerability concerns and remediation efforts related to security assurance for the Federal Reserve in accordance with the NIST 800 special publications, ISO 27000, COBIT 5, and FedRAMP
* Render oversight to overall support and maintenance of Resource Scheduler through its ultimate pending decommissioning in 2021
* Function as co‐owner and co‐lead support resource for all district supported web server platform instances (IBM WebSphere / IBM Http Server / IIS / Tomcat / Apache) in conjunction with purview of the District Information Technology Group and running on Windows servers
* Assume full accountability for all district supported PKI certificates by conducting maintenance, configuration, and support tasks for all for deployed instances under the purview of the District Information Technology Group and running on Windows-based servers
* Demonstrate industry expertise leading the design, implementation, administration, and continual evolution of the ERP, CMS, and ECM systems
* Partner with other IT teams in implementing and extending system usage to other business units; developing roadmaps; updating project plans and timelines; strategizing the evolution of system designs, and planning resource expansion as well as scalability.
* Act as subject matter expert on Security Assurance for the Federal Reserve (SAFR) and serve as a technical lead on SAFR security reviews and assessments for system and applications

***Key Highlights:***

* Contributed key efforts in the development of the Orion Enterprise Resource Planning (ERP) program for integration of new cloud technology platforms to improve financial management, human capital management, and procurement technology activities across the system
* Worked on the Orion project in charge of planning the migration of the digital documents from the repositories of system being sunset and transitioning into the Perceptive Content ECM system
* Led implementation of Infor Lawson involving Landmark, LSF, LBI, and XM, and perform WebSphere maintenance and establish the procedures, documentation, and maintenance routines associated with ADFS LDAP configuration and certificate maintenance
* Spearheaded the design and configuration of new development projects to maintain cohesive construction with existing directives, technical design strategies, and platform utilization posture of the enterprise

**Earlier Positions Held:**

 Tribridge – A DXC Technology Company (Microsoft Gold Partner), Tampa, FL

**Cloud Architect / Cloud Operations Manager** May 2011–Dec 2011

Bankers Insurance, St. Petersburg, FL

**Application Systems Architect / Network Engineer** Oct 2007–May 2011

Barnard Law Group, St. Petersburg, FL

**IT Consultant** Mar 2006–May 2011

# **Other Experience**

The Landmark Co., St. Petersburg, FL

**Realtor and Licensed Real Estate Sales Associate** Aug 2004–Jul 008

# **Education**

**Master of Science in Business Administration**, *In Progress (Expected Date of Completion: 2023)*

Boston University, Questrom College of Business, Boston, MA

**Bachelor of Arts in Business Administration with a Specialization in Mass Communication**, 2004

University of Florida, Warrington College of Business, Gainesville, FL

# **Profesional development**

*Certification***:**

* Amazon Web Services (AWS) Certified Cloud Practitioner
* SAFR Certified
* Microsoft Certified Professional (MCP) with Certification Designations: MCP, MCPS, MCNPS, MCTS
* Registered Network Member of the Microsoft Partner Program: Microsoft Small Business Specialist, Partner Competency in Business Productivity Solutions Specialization
* Microsoft Certified IT Professional (MCITP): Microsoft Virtualization Administrator on Windows Server 2008 R2
* Microsoft Certified Technology Specialist (MCTS): Microsoft Windows Server 2008 Active Directory, Configuration
* Microsoft Certified Technology Specialist (MCTS): Windows Server 2008 Network Infrastructure, Configuration
* Microsoft Certified Technology Specialist (MCTS): Windows Server 2008 R2, Desktop Virtualization
* Microsoft Certified Technology Specialist (MCTS): Windows Server 2008 R2, Server Virtualization
* Microsoft Certified Technology Specialist (MCTS): Designing and Providing Volume Licensing Solutions to Large Organizations
* Microsoft Certified Technology Specialist (MCTS): Microsoft System Center Configuration Manager 2007, Configuration
* Microsoft Certified Technology Specialist (MCTS): Windows Vista – Configuration
* Microsoft Certified Technology Specialist (MCTS): Windows SharePoint Services 3.0 – Configuration
* Microsoft Online Services Reseller
* GoDaddy Reseller

*Advanced Training and Bootcamp Courses*:

* Lawson Foundation Services | Crystal Reports | Microsoft SQL Server | Microsoft System Center | Microsoft SharePoint | Amazon AWS Core Services | Amazon AWS Foundation Services | Microsoft Azure – Microsoft Azure Architect Bootcamp | TrueSec’s Microsoft Deployment KIT (MDT) Training Curriculum

# **Technical Skills**

Amazon Elastic Compute Cloud (EC2) | Amazon Simple Storage Service (S3) | Amazon Virtual Private Cloud (VPC) | Apache HTTP Server | Apache Tomcat | Archibus | AWS Cloud | AWS Foundation Services | Brainware by Hyland | Business Insights (white label IBM Cognos) | Business Objects Crystal Reports | Business Performance Warehouse (BPW) | Certificate PKI Infrastructure | Cisco Networking | Cloud Architecture (Private, Hosted, RDS, VDI) | Enterprise Directory | GitHub | GitLab | Hyper-V | IBM Cognos Business Insight (BI) | IBM Connect Direct | IBM HTTP Server (IHS) | IBM MQ | IBM WebSphere | Java | Jenkins | JIRA | Kerberos | Lawson Core Technology | Lawson Landmark | Microsoft .NET Framework | Microsoft Active Directory | Microsoft ADFS | Microsoft ADM | Microsoft Deployment Toolkit | Microsoft Exchange | Microsoft IIS | Microsoft Office 365 Online Services | Microsoft PowerShell | Microsoft SharePoint | Microsoft Software Licensing | Microsoft SQL Server | Microsoft System Center including SCCM, SCVMM, SCOM | Microsoft Windows Batch Shell Scripting | Microsoft Windows Servers | Microsoft Windows WMI | MySQL | OpenSSL | Pallas Athena by Hyland | Perceptive Content (formerly branded ImageNow) | Red Hat JBOSS Enterprise Web Server (EWS) | Red Hat JBOSS Web Server | Red Hat OpenJDK | Red Hat Tomcat | Remedy | SAML | SSL / TLS | Symantec Endpoint | Tableau | Terraform | VBScript | Veritas Backup Exec | VMWare