

N Timothy Aho

2500 NE 135th St., North Miami, FL 33181 | 310.579.8617 | tko@fullsail.net

Focus

Senior Technical Business Analyst | Virtualization Specialist

Summary

Enterprise IT mastery ranging from large server farm architecture and policy management to small business planning and setup. The gamut of datacenter technologies for comprehensive infrastructure design and a specialty in scripting for server automation.

Technical Expertise: 2003 Server, AD, WTS, Virtualization (Citrix, VMWare, MS Virtual Server) and Application Streaming Technology. Innovating the provisioning of virtual servers using application streaming technologies. Service-oriented Infrastructure: VDI, SaaS/DaaS; Total cost of ownership (TCO), Capacity and Resource Planning, SLA Mgmt., ITIL: Tactical Layer. Datacenter Organization: Disaster Planning/Recovery, Policies and Procedures.

Enterprise Content/Document Management Systems; CRM and BI integration: Exchange, Sharepoint 2007, Salesforce, and iBi's WebFOCUS (operational and analytical BI). Service Oriented Architecture (SOA): "beyond agile" product development and management, component and objected-oriented analysis, RDBMS, UML and Object-relational design and OOP.

General Skills	Application Frameworks	Virtualization Application & Server Infrastructure Management	RDBMS
Systems Analysis and Design, Biz Continuity/Disaster Recovery, Migration Support	COM - Visual Basic, LDAP, ADSI, CDO, CDOEXM, COM/DLL, ASP – VBScript	Citrix Presentation Server 1.8- 4.0, XenServer XenDesktop; Microsoft Server (2K, 2K3, 2k8); VMWare ESX 2.5-3.5, Virtual Center	Oracle – Spatial Database Engine, MS SQL Server, Access
Project Management	SOA, XML	AD, Exchange, IIS, SharePoint	Data Warehousing
Virtualization, Application Server, and Thin Client Engineering	C/C++, X-Windows/Motif	Symantec SVS/Appstream, Thinstall	ODBC/ADO/SQL
Objected-Oriented Software Engineering, Web Application Services	GIS: ESRI Product Line: ArcGIS: ArcINFO, ArcMAP, ArcCatalog, ArcObjects, MapObjects	Tools, etc: Wise, WinInstall 8.x, 2003 LE; Citrix IM/RM, Ghost, OpenManage, NIC Teaming, NLB, Appsense, GotoMeeting, Citrix Access Gateway to name a few...	FGDC Metadata – ESRI Geodatabase – ArcCatalog

Experience

➔ **Full Sail Consulting** | <http://fullsail.net>

Chief Systems Architect | Since July 1999

- Phatwire.com – This new, consumer-oriented hosting DaaS venture includes administration of: Windows Terminal Services, Application Streaming: AppStream STS Portal and client; Active Directory, Group Policies, IIS, MS WebAdmin tools, ISP and POP services and Customer Service.
- eSERVER, Inc. <http://www.eSERVER.com> - Server-centric and Citrix enabling services, re-architecting bandwidth with Microsoft 2000/2003 Server and Citrix Metaframe: providing a full Windows Desktop across any connection. Systems Administrator, Sales and Marketing, Technical Support and Customer Service work as well in a multifaceted position.
- IT and Software Consulting Services: from GIS Consultant for local government to Server Administrator in healthcare, legal and government settings; solid experience with the following range:
 - >> 10-99 Servers: Microsoft Windows 2000/2003 Server/Citrix Metaframe 1.8/XPe Farm
 - >> 50-3000+ Network users with a broad variety of application needs
 - >> Large Enterprise Document Management Support (DocsOpen, Sharepoint 2007)
- GIS Application and Spatial Data ASP Services: next generation enterprise applications developed in COM, ESRI's ArcGIS, ArcObjects and MapObjects served to the web Citrix-based ASP style.

➤ **AppStream, Inc., Palo Alto, CA** | <http://www.appstream.com>

Senior IT Specialist | October 2007 to February 2008

- ⚡ In managing the corporate infrastructure with the company's own cutting-edge product as a key aspect, this role developed a new perspective on application infrastructure within the application streaming framework. This cutting-edge technology provides much better TCO and, coupled with virtualization, greater flexibility in the datacenter for provisioning apps and servers.
- ⚡ License management with AIM-- another internally developed innovation.
- ⚡ Accomplishments include the successful evangelization (upper mgmt), design and installation of ESX 3.0i and the initiation of Sharepoint for a document management system to improve corporate communication.

➤ **Kaiser Permanente | Walnut Creek, CA**

Citrix Server Engineer (Contract Assignment) | October 2005 to March 2006

- ⚡ Consulting Engineer for the "Build team" on Kaiser's Citrix large server farm (~1500 servers); responsibilities included: migration testing, build management and package deployment. The primary focus was a migration/split from a single to seven farms; tested, documented and packaged RFCs and SRs for various application and server transition issues.
- ⚡ Selected to co-manage two application servers: PTA and JPOINT (Health Information Software: Project Tracking and Point of Sale). These HIS EPIC apps required "retrofitting" for Terminal Services to get them functioning properly in the Citrix environment.
- ⚡ Managed AD, GPO and Local/Mandatory/Roaming Profiles; VMWare for testing prior to implementation. Farm policy; patch and hotfix management; packaging (IM); resource manager (RM); Access Gateways; SQL Servers (Data Store, DB Connector Servers), XML Servers, and Web Interface.

➤ **City Of Los Angeles | Los Angeles, CA**

GIS Systems Consultant (Contract Assignment) | February 2005 to August 2005

- ⚡ GIS Project Management for the City's Wastewater Department; advisor for the city's Public Works Department move toward an RDBMS and a better Application Infrastructure. Geodatabase management with Microsoft Access and ArcMap customization with VBA and SQL.
- ⚡ Planned, designed, prototyped and implemented their first MS 2003 Terminal Services and Citrix Presentation Server (v. 4.0). Trained IT staff on all aspects of Citrix roll-outs.

➤ **SAIC | La Jolla, CA**

Software Engineer | April 1998 to February 1999

- ⚡ Assisted in the integration of 2- and 3-D Geographic Information Systems capabilities on a project involving Battlefield Exercise Monitoring custom software developed in OOA/OOD/OOP with Rational Rose, Visual C++ (MFC, Win32), MapObjects, GeoPres, and TerraVista (terrain database software - 3D GIS). Also, researched NT Terminal Server Beta edition to simplify software design for ASP-style Server-based GIS applications.
- ⚡ On a contract bid for BellSouth, developed a service vehicle tracking prototype application using Arcview involving Battlefield Internet Map Server, Netscape's Web Server, ESRI's Map Café, Cold Fusion

Research/Training

University of Hawaii at Hilo.

Geographic Information Systems Researcher

- Research involving the use of ESRI's Arc/Info to gain certain multi-hazard information on Hawaii.

Palm Beach Atlantic College, West Palm Beach, Florida

- Bachelor of Science, Computer Information Systems
GPA: 3.57 - Cum. Laude