

To whom it may concern,

The included document provides a brief synopsis of my professional work history as a software consultant, Architect, developer, and cloud evangelist. My focus for the last 5 years has been on **architecting technology solutions for businesses** through design, implementation, technical sales, and ongoing education.

It's been a great ride so far and I look to continue helping organizations achieve success using strategy, innovation, technology, process, and cloud solutions. Below are a few ideas that I think make for great culture, team, and organization.

- **Working in a culture** of continuous education, learning from mistakes, servant leadership, and team before self.
- **Working with teams** who want to raise the bar and make each other and their business better daily.
- **Working with an organization** who guide, support, and fully trust their people.

My passions are helping business thrive, working with fearless innovative organizations and people, and raising the bar in corporate software solutions by listening to customers and teammates, understanding the business domain, and reducing complexities via technological solutions. If this is where you are then please review the included pages, my website, and social outlets, and let's get to work.

Regards,



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Work History

2016-Present, Director, Application Development / Solutions Architect, Matrix Resources

I joined Matrix to help bolster their professional services (PS) business unit and run their application development practice. Significant accomplishments within the organization include development process and workspace enhancements, multiple **Azure Cloud implementations**, organizational training, introduction to new technologies, technics, and methodologies, technical seminars, research lab, and a strategy for growth.

Project teams were located across the global including in-house, onsite, nearshore in Monterrey, MX, and offshore in Hyderabad, India. Team capabilities spanned the typical PS offerings including Software Engineering, Strategy, Delivery Automation, Data Sciences, IoT, and **Azure Cloud Services**.

Customer domains and their projects included healthcare, mail, finance, oil and gas, farming, HR, and government. All of these **projects were in Azure** or we moved/transformed them to Azure for stability, cost savings, security, scaling, and many other reasons.

Projects

NCTCOG (North Central Texas Council of Governments)

Roles: Manager, Architect, and Developer

Details: NCTCOG administers government entities with health benefit packages. They had a 15-year-old Classic ASP and SQL 2000 system, which was no longer serving their needs. I helped provided them with a highly-secure Azure cloud solution using .Net, **Azure SQL (with TDE)**, encrypted blob storage, web and worker roles, VM's, and several other Azure services. The project required migrating over 10 years of records to the new system using **SSIS**, a customized rules engine, and secure site end point integrations for multiple vendors and business entities. We also integrated **VSTS**, Git source control, agile management, and environment publishing.

JobTracker 2.0

Roles: Manager, Architect, and Developer

Details: Panhandle Presort Services (PPS) was out growing their patch work solution for running their mail presort operations. I formulated an Azure cloud solution, which included a client portal for job uploads and tracking, systems integrations with several presort mail machines and USPS, and an administration panel, which made the Azure WebApp **highly-configurable**. This design utilized multiple Azure services including file and blob Storage, **WebApp**, **WebJob**, Azure SQL as a service, VM, and **WebAPI** technologies. This solution also utilized VSTS, Git source control, agile management, and environment publishing.

TriageNow

Roles: Manager, Consultant, and Developer

Details: TriageNow software provides businesses with RN support for employees with various health issues before going to a hospital or urgent care facility to help stem healthcare costs. They were utilizing an offshore company for development where they had no source control, no redundancy, one environment, and no transparency. Outages and product bugs were the norm. On top of this their application was being hosted by a company going out-of-business in 30 days.

I instituted a lift and shift of the **PHP and MySQL application to an Azure VM** and along with the team went to work on stabilizing the solution. Today they have DEV, QA, UAT, and PROD environments, speed increase by 30-40%, much improved stability, and transparent processes using agile methodologies.

2013-2016, Partner, Headstorm, LLC

I started Headstorm along with my partner in 2013. Located downtown Dallas, TX Headstorm is a PS firm offering standard consulting and software development services to the business community. While there I worked with such organizations as Interstate Batteries, Swank Capital, Atlantic Aviation, Panhandle Presort Services, Matrix Resources, and many others.

My role as partner was not only to build and maintain the business, but to sale projects, **deliver Azure cloud solutions**, perform strategic consulting engagements, manage projects, write software, and create process that streamlined the business of consulting and programming. I worked a lot.

I sold my half of Headstorm in mid-2016 to start my own firm, Lightbox Partners; however, Matrix Resources made me a generous offer to bring my services, customers, and consultants to their organization and I accepted. In fact, the above **Job Tracker and NCTCOG projects** were started while I was with Headstorm.

Projects

SCM.Net



Roles: Design, Consultant, and Developer

Details: SCM.Net software runs the Interstate Batteries (IB) Iowa manufacturing plant operations. IB was upgrading their **Oracle and JD Edwards (EOne)** versions, which would break SCM.Net. As a result, we created a Business Service API for interfacing, introduced design patterns and unit tests into the **.Net projects**, upgraded the Telerik UI components, and added several new features to the tracking section of the program. Today the system is fully integrated with their JD Edwards system and provides real-time data for all plant operations.

IDM (Identity Management System)

Roles: Design, Consultant, and Developer

Details: IDM is the gatekeeper into IB systems for franchises and in-house software users and is a homegrown version of the Think Identity server. When we got the **MVC ASP.Net** application, it was unusable and page refresh times were taking upwards of 5 minutes. The team and I reworked the Repository Pattern, introduced **Entity Framework** ORM, optimize Oracle PL/SQL queries according to execution plans, optimized API calls, and implemented caching, which brought page refresh times down to between 1-5 seconds. We also performed various UI component upgrades to the applications.

Franchise Rebate Program

Role: Consultant and Developer

Details: IB needed software to support their franchise dealer rebate program. Software requirements included tracking sales numbers, various product types, discounts, and utilizes a complex rules engine to calculate accurate dealer rebates. The application interfaced with several in-house systems including **Microstrategy and EOne** systems. The application utilized **MVC, ASP.Net, heavy JavaScript** libraries, services, and an Oracle Party Model for backend operations. I was part of the 10-person agile team on the project and worked primarily in the services and UI layers.

PCI Compliance and Xamarin Flight Ramp Application

Role: Consultant and Technical Advisor

Details: Atlantic Aviation (AA) needed a new mobile application that would adhere to multiple view formats and OS types as their FOB's (Fix Base Operation) lineman utilize multiple device types on the flight ramp. Special UI consideration also had to be considered due to ramp weather conditions. My team and I worked beside AA technologist to **design and implement a Xamarin solution** for refueling, towing, and ordering food services.

AA also needed to be PCI compliant as they have their own credit cards and therefore must store sensitive client data. We again worked beside them to ensure hardware and software systems were secure and met PCI compliant standards.

2007-2013, Contract Software Architect, Developer, and Consultant

After working within a single organization for 5+ years, I made the switch to being an independent contractor, developer, architect, and consultant to maximize my income and continue the process of learning this business of software development. The following is a synopsis of a few projects I collaborated on during this period:

Projects

Multi-Level Marketing

Role: Project Manager, Scrum Master, Developer

Details: Data Paradigm had an idea around software that would monetize media events such as behind the scenes at a soccer game, in a recording studio, or at a red-carpet Hollywood event. The software would capture video and/or audio of the celebrity at an event and quickly place it online for consumption by fans for a micro payment. We created the software utilizing **Azure cloud services** including web and worker roles, **CDN content delivery**, Azure SQL, **hybrid solution** for PCI compliance, and native iOS, Android, and Blackberry mobile apps all in 9 months.

Payday Loans and Funeral Financing

Role: Project Manager, Scrum Master, Developer

Details: World Wide analytics was embarking on a new Loan Management System (LMS) that would server their payday loan business and its customers. I came into the LMS project as a Sr. Software engineer and helped the team design and develop an enterprise level application for the company. Major components included MVC, ASP.Net, **NServiceBus**, **Bootstrap**, Entity Framework, and MSSQL. The Funeral Finance software was a **WPF project** that I headed up and included many of the same components from above.

HVAC Software

Role: Architect, Scrum Master, Developer

Details: ITI (International Training Institute) needed new training and certification software for their union sheet metal workers. The software would also be designed with the ability to run a HVAC sheet metal shop, so the goal was twofold. The team and I created a **WPF** and MSSQL solution that included a quote system, **automated AutoCAD drawings**, part tracking, machine interfacing, and sheet metal part optimization for the HVAC duct work.

2002 – 2007, Business Applications Development Manager, Kysor Panel System

I was brought into Kysor to head up their digital transformation as they had antiquated and brittle systems throughout the organization. My main focus was on the new STEP1 (System Tools for Engineering and Production) software. This system now acts as their internal estimating, engineering, and **automated CAD drawing software** and interfaces with multiple in-house systems including sales, accounting, and manufacturing plant machines for automated production lines.

My team utilized a web UI, services, and **Microsoft C/C++** to interface with **Autodesk Inventor** for creating 3D solid models and construction drawings of walk-in cooler/freezers for supermarkets, restaurants, and specialty stores. Users can create customer quotes and construction ready documents and drawings within 15-30 minutes for typical walk-in cooler/freezers.

Other areas of focus included corporate training program, plant lean optimizations, and systems interfacing. After completing the project, I left Kysor to pursue my consulting career.

Technical Skillset Breakdown

The below tables depict my current technical skill level (1-5) for the associated technologies, tools, and processes. My focus of late has been in Azure and enabling teams to peak perform. Current areas of study include **Azure Solutions Architect**, Scaled Agile (SAFe), and team leadership.

Azure	Level	Yrs	Tools	Level	Yrs	Process	Level	Yrs
Azure Portal	★★★★	5+	Visual Studio	★★★★	5+	Agile Methodologies	★★★★	5+
Azure Web App	★★★★	4+	VSTS	★★★★	5+	Scaled Agile (SAFe)	★★	1
Azure Blob Storage	★★★★	5+	TFS	★★★	5+	Project Management	★★★★	5+
Azure File Storage	★★★★	1	Git	★★★	3+	SLDC Process	★★★★	5+
Azure Table Storage	★★★★	5+	Branching Strategies	★★★	5+	Scrum	★★★★	5+
Azure SQL	★★★	5+	Release Management	★★★	2+	Kanban	★★★	3+
Azure Security	★★★	2	Jira	★★	2+	Lean Development	★★★	3+
Azure VM	★★★★	2	SourceTree	★★	2+			
Azure Resource Groups	★★★★	3	General DevOps	★★	2+			
Azure Backups	★★★★	2	Containers	★	1			
Azure Web Jobs	★★★★	1	Trello	★★★★	4+			

Coding	Level	Yrs	Disciplines	Level	Yrs	Data	Level	Yrs
.Net	★★★	5+	Architecture	★★★★	5+	MSSQL	★★★	5+
C#	★★★★	5+	Design	★★★★	5+	Management Studio	★★★	5+
Linq	★★★	5+	Modeling	★★★	5+	NoSQL Solutions	★★	3+
MVC	★★★★	5+	Analysis	★★★★	5+	Entity Framework	★★★	5+
REST APIs	★★★	5+	Sizing	★★★★	5+	Dapper	★★★	1
Angular 2/4	★	1	Domain Driven Design	★★★	1	Redgate Tools	★★★	3+
JavaScript	★★	5+	Design Patterns	★★★	5+	SSIS	★★	1
HTML	★★★	5+	Services	★★★	5+	SSRS	★	1
CSS	★★	5+	Interfaces	★★★	5+	Power BI	★	1
Razor	★★★	5+	OOP	★★★	5+	Oracle	★	2+
Bootstrap	★★★	5+	SOLID	★★★	5+	MySQL	★	2+
Xamarin	★	1	Software Engineering	★★★★	5+			
C/C++	★★	5+	Mobile	★★★	5+			
Micro Services	★	1	Web	★★★★	5+			
TDD/BDD	★★	5+	Automated Testing	★★	5+			
jQuery	★★	5+						
WPF	★★	5+						

Professional Skillset Breakdown

The below tables depict my current professional software skill level (1-5). These are tools I use every day to help facilitate communication, consultation, schedule, sharing, and diagramming various business requirements.

MS Office	Level	Yrs	MS Tools	Level	Yrs	MS Software	Level	Yrs
Word	★★★★	5+	Visio	★★★★	5+	SharePoint	★★★	5+
Excel	★★★	%+	Project	★★★★	5+	Dynamics 365	★	1
Power Point	★★★★	5+	Teams	★★★★	1+	Windows	★★★★	5+
Skype for Business	★★★★	1	OneDrive	★★★★	3+			
OneNote	★★★★	2+	Yammer	★★	1+			
Outlook	★★★★	5+	Delve	★★	1+			

Other Software	Level	Yrs	CAD	Level	Yrs	Training	Level	Yrs
Adobe Photoshop	★★	5+	AutoCAD	★★	5+	Pluralsight	★★★★	5+
Slack	★★★★	2+	Autodesk Inventor	★★	5+	Udemy	★★	1+
Logic Pro	★★★	2+	Vault	★★	2+	MS Virtual Academy	★★	1+
macOS	★★★★	5+	3D Studio Max	★	5+			

Education

- 1989-1991, Oklahoma City Community College, Oklahoma City, OK - A.S., C.A.D., Emphasis on Computer Science
- 1991-1993, University of Central Oklahoma, Edmond, OK – B.S. Equivalent, Computer Science and Business Studies

My focus of late has been on the **Azure Solutions Architect certification** where I have completed the following courses and certifications:

Courses

1. Architecting Azure Solutions: Design Web Apps
2. Architecting Azure Solutions: Application Storage and Data Access Strategy
3. Architecting Azure Solutions: Secure Resources
4. Architecting Azure Solutions: Infrastructure and Networking
5. Architecting Azure Solutions: Design an Advanced Application
6. Architecting Azure Solutions: Management, Monitoring, and Business Continuity

Certifications

1. 70-534 Architecting Microsoft Azure Solutions, MCP
2. Professional Scrum Master, PSM

Books

Below are books I have read or reread within the last 1-2 years.

- Getting Naked – Patrick Lencioni
- The Compound Effect – Darren Hardy
- The Power of Habit – Charles Duhigg
- StrengthsFinder 2.0 – Tom Rath