DERRICK ANDERSON

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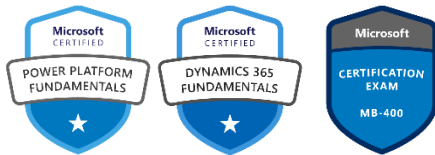
PROFESSIONAL EXPERIENCE

FOUNDER / CLOUD SOLUTIONS ARCHITECT / MICROSOFT CSP / MICROSOFT SURFACE RESELLER

SILVERSPRYTE LLC, OLATHE, KS | **10/2017 – PRESENT**

- Microsoft [CSP] ☁ Azure ☁ Business Apps ☁ Dynamics 365 ☁ Power Platform ☁ Microsoft Surface Managed Partner [Reseller]
- Providing consulting and solutions development for customers utilizing Microsoft Azure, Microsoft Dynamics, Microsoft CDM/CDS, Microsoft Power Automate (formerly Microsoft Flow), Microsoft Power Apps and Microsoft Power BI
- Custom Software Development · Database & ETL Development · Business Analytics · PaaS · Serverless · Cloud Application Development · Cloud Management · 3rd Party API Integrations

MICROSOFT CERTIFICATIONS & EXAMS:

IT DIRECTOR / CLOUD SOLUTIONS ARCHITECT / LEAD ENGINEER

CAPTIFY HEALTH, LENEXA, KS | **02/2018 – 09/2019**

- Responsible for all aspects of information technology operations, information security, systems architecture and development efforts.
- Lead Application Development and DevOps teams to deliver innovative, cost efficient solutions following Agile methodologies and maintaining HIPAA, PCI, and SOC 2 compliance.
- Leveraging the latest Microsoft technology to execute the following:
  - platform modernization and consolidation
  - decrease system complexity and eliminate down-time
  - improve customer engagement through email, chat (live person and chat bot), SMS, marketing analytics, surveys, etc.
  - provide unmatched integration and collaboration experiences across departments
- Pairing Microsoft Dynamics 365, Office 365, and the Microsoft Power platform (CDM/CDS, Power Apps, Power BI, and Power Automate) with cutting-edge technology made available on Microsoft Azure to identify new opportunities such as:
  - Artificial Intelligence (AI) and Machine Learning (ML) opportunities
    - Leveraging Azure Machine Learning studio to develop predictive analytics around patient engagement
  - Sales and Customer Insights using advanced Cognitive Services and AI
    - Leveraging Speech-to-Text with Text Analytics to gauge patient sentiment over years of recorded call center inbound/outbound calls. Leveraging Chatbots, QnA Maker, and LUIS to deliver patient specific engagement experiences
  - Automated case creation and management for various patient journey scenarios

HANDS ON ARCHITECTURE, DEVELOPMENT, AND IMPLEMENTATION WITH THE FOLLOWING TECHNOLOGY:

Dynamics 365 for Sales Enterprise, Office 365, C#, SQL Server 2016/2017, SSIS, SSRS, Power BI, Azure SQL Database, Azure Functions, Azure Logic Apps, Azure App Services, Azure Storage, Azure Data Factory, Azure Cognitive Services, VSTS, Git, AWS, Magento, .NET Authorize, SaaS, PaaS, IaaS, Microsoft Power Automate, Microsoft Power Apps, Microsoft Teams, Microsoft SharePoint Online, Microsoft AAD, ADFS, Microsoft Bot Framework, Azure Machine Learning, Dynamics 365 Portals

SENIOR SOFTWARE ENGINEER

PERFORMANCE CONTRACTING GROUP, LENEXA, KS | **09/2017 – 02/2018**

- Dynamics AX, X++, SQL Server, C#

SENIOR ARCHITECT / CLOUD ENGINEER

PARNELL, OVERLAND PARK, KS | **10/2015 – 08/2017**

Define cloud architecture and lead the design, development, and implementation of multiple Platform as a Service (PaaS) and mobile solutions on Azure. Additional roles and responsibilities included:

- Lead diverse technical teams, local and off-shore
- Data architecture, modeling, & ETL development
- Manage Azure services for performance
- Manage Azure costs within budget
- CI/CD, Scrum, Kanban, VSTS, Git
- Integrate externally sourced data
- Email marketing campaign automation
- Power BI data models and analytics
- Xamarin mobile applications development

HANDS ON ARCHITECTURE, DEVELOPMENT, AND IMPLEMENTATION WITH THE FOLLOWING TECHNOLOGY:

C#, SQL Server 2016, SSIS, SSRS, Power BI, Azure SQL Database, Azure Functions, Azure Logic Apps, Azure App Services, Azure Storage, Azure Stream Analytics Jobs, Application Insights, VSTS, Git, JSON, HockeyApp, Xamarin, PaaS, IaaS, Microsoft Power Automate, Microsoft Power Apps

LEAD SOFTWARE ENGINEER

FEDERAL RESERVE BANK OF KANSAS CITY, KANSAS CITY, MO | **10/2009 – 09/2015**

Architect, design, and implement strategic Enterprise solutions while developing strong partnerships and relationships with customers and stakeholders. Responsible for the overall vision, coordination, and mobilization of resources to facilitate end-to-end solution delivery via standard project practices across the entire SDLC. Played a critical role in expanding the Microsoft development footprint within the Federal Reserve System.

- Team lead for .NET & SharePoint development at FRB Kansas City
- Team lead (remote) for BI project with FRB New York
- Conduct interviews of .NET & SharePoint candidates
- Mentor junior and mid-level developers
- Active participant as a council member on multiple system workgroups and development communities
- Lead research of vendor solutions, development platforms, and third-party frameworks
- Make recommendations on platform agnostic application delivery solutions
- Consult with customers to develop technology strategies and map objectives into roadmap initiatives
- Provide estimates, work breakdown structures, and resource assignments on team projects

HANDS ON ARCHITECTURE, DEVELOPMENT, AND IMPLEMENTATION WITH THE FOLLOWING TECHNOLOGY:

C#, ASP.NET MVC, Entity Framework, T-SQL, MDX, SSIS, SSRS, SSAS, jQuery, Bootstrap, .NET Framework, Visual Studio, TFS, CSS, SharePoint 2010/2013, InfoPath, WCF, MS Exchange Server, Outlook, SQL Server, PowerPivot, PerformancePoint, Nintex, XML, Java, JavaScript

PROGRAMMER ANALYST

WADDELL & REED, SHAWNEE MISSION, KS | **07/2005 – 10/2009**

Technical Lead on complex, high-priority corporate initiatives consisting of large teams with Senior Web and Mainframe Developers, System Architects, Data Analysts, DBAs, LAN Administrators, QA Testers, Business Users, and a Project Manager. Responsible for understanding the overall end-to-end project scope, facilitating knowledge-transfer to peers not on the project, post-implementation production support and maintenance paths, and the overall completeness and success of the design, development, testing and implementation efforts.

- Implemented high-volume ETL system using SSIS to pull data from SQL Server, MySQL, DB2, and 3rd party data into DW.
- Integrated 3rd party Compliance and Regulatory software solutions into existing ETL infrastructure.
- Implemented self-service BI infrastructure utilizing SSRS.
- Performance tuned SQL Server database, T-SQL queries, stored procedures/functions, and SSIS packages.
- Defined development best practices and standards for SSIS and SSRS.
- Worked closely with System/Data Architects and DBAs on strategic planning for ongoing ETL development and support.
- Produced extensive ETL System Documentation consisting of data flows, execution plans/schedules, and process mappings.
- Consistently held project team members accountable on their deliverables.

RESEARCH ASSISTANT

KANSAS STATE UNIVERSITY, DIVISION OF BIOLOGY, DR. MIKE HERMAN, MANHATTAN, KANSAS | **01/2004 – 05/2005**

- Development of Microarray analysis and data mining software for KSU Genetic Research.

LEADERSHIP & MANAGEMENT TRAINING

MANAGEMENT & LEADERSHIP DEVELOPMENT PROGRAM (MLDP)

FEDERAL RESERVE BANK OF KANSAS CITY, KANSAS CITY, MO | **2011 - 2013**

7 Habits of Highly Effective People, Crucial Conversations, Emotional Intelligence in the Workplace, Generations, Internal Career Planning for Emerging Leaders, Leadership Philosophy, Principles and Competencies Informational Session, Leading at the Speed of Trust, Leading in a Multi-Generational Workforce, Leading Teams, Leading Without Authority, Listening is Key to Communication, StrengthsFinder

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE

KANSAS STATE UNIVERSITY, MANHATTAN, KS | **2005**

Coursework: Calculus, Applied Matrix Theory, Elementary Numerical Analysis, Probabilistic Systems Modeling, Discrete Mathematics, High-Performance Data Mining Systems, Real-Time Embedded Systems, Formal Language Theory, Operating Systems, Programming Languages, Database System Concepts, Advanced WWW Technologies, Written Communications for the Sciences

TECHNOLOGY & SOFTWARE PROFICIENCIES

MICROSOFT AZURE SERVICES

Azure SQL Database, Azure Functions, Azure Logic Apps, Azure App Services, Azure Storage Accounts, Azure Stream Analytics Jobs, Azure Data Factory, Azure Active Directory, Azure Cognitive Services, Azure Bot Framework, Azure Machine Learning, Azure Key Vault, Azure Event Grid, Azure Service Bus, Tenant Administration

MICROSOFT OFFICE 365

Dynamics 365 for Sales Enterprise, PowerApps, Power Automate, Power BI, OneNote, SharePoint Online, Teams, Sway, Forms, Planner, Visio, Tenant Administration, Licensing

PROGRAMMING LANGUAGES/PLATFORMS/METHODOLOGIES

C#, T-SQL, MDX, ASP.NET, ASP.NET MVC, WCF, SSIS (2005/2008R2/2012/2016), SSRS (2005/2008R2/2012/2016|Native & SharePoint Integrated), SSAS (2008R2), Power BI, PerformancePoint, PowerPivot, JQuery, Bootstrap, Java, JSP, JavaScript, VB Script, JSON, CSS, HTML, PHP, XML, UML, DOS, AJAX, Object Oriented Design (OOD), Object Oriented Programming (OOP)

DEVELOPMENT TOOLS\COTS APPLICATIONS

Visual Studio Team Services, Team Foundation Server, Visual Studio 2005 - 2017, SQL Server Management Studio, SQL Server Report Builder 1.0 – 3.0, Tableau, Nintex, Project 2010/2013, Visio 2010/2013, Office 2010/2013, Eclipse, NetBeans, JUnit, NUnit, MagicDraw, Rational Rose, MATLAB, Putty, CVS, SVN, AutoCAD

SYSTEMS\SERVERS\OPERATING SYSTEMS

SharePoint Server 2010/2013/Online, Windows Server 2003 – 2016, Windows 95 – Windows 10, IIS, Active Directory

DATABASE SYSTEMS

SQL Server 2005 - 2017, MySQL

EXTRA-CURRICULAR

PRESIDENT, SYMPHONY HILLS HOA

Jan. 2008 to Dec. 2012

ASSISTANT DEN LEADER, CUB SCOUTS, PACK 3330

Aug. 2017 to May 2019