



Shawn Weekly

VICE PRESIDENT, ENTERPRISE SOLUTION ARCHITECT & SOFTWARE
DEVELOPMENT LEADER

Profile

Vice President of Digital Solutions, Enterprise Solution Architect & Software Development Leader with over 20 years of experience. I specialize in leading digital transformation initiatives, building software to bridge IT & Production/Operations, and guiding great teams. My expertise includes leveraging Generative AI, Cloud platforms (Azure), and deep domain knowledge to solve complex problems in the electrical utility, AEC (Architectural, Engineering & Construction), and engineering sectors. My focus is turning "tribal knowledge" into solutions using skill and innovative technologies.

Employment History

Vice President - Digital Solutions, WSP, Pinson, AL (Remote)

JUNE 2025 – PRESENT

Role change due to merger of POWER with WSP

- Subject Matter Expert (SME) for Digital technologies that will benefit the Hydro, Underground Storage, and System Studies organization for WSP Power & Energy (formerly POWER Engineers)
- SME for AI and LLM technologies and their use and implementation in the Power & Energy organization
- Azure Cloud administrator for entire US region for all digital technology testing and development, including Azure OpenAI deployment, Azure ML studio, etc.
- Software product creation for diagram creation using generative AI and Knowledge Graph technologies hosted on the Azure platform

Senior Adv. Software Dev. - Area Lead, POWER Engineers, Pinson, AL (Remote)

OCTOBER 2023 – JUNE 2025

- Design, create and deploy internal Azure OpenAI based chat-bot (aka Bucky) for use across POWER's Power Delivery organization
- Create and manage the Digital Solutions Department
- Define technology and software development standards and best practices for POWER's "Citizen Developers"
- Provide solutions, processes and software to address common problems faced in our target markets
- Define best practices and overall guidance on the use of generative AI for various use cases in the Electrical Utility Industry

Digital Transformation Architect, POWER Engineers, Pinson, AL (Remote)

NOVEMBER 2021 – OCTOBER 2023

- Contribute to technology strategy planning, road mapping, and execution
- Evaluate technologies for benefits, risks and alternatives to determine best-fit solutions
- Create and implement new software and process solutions to advance POWER's digital transformation in the Power Delivery organization
- Guide and oversee technology initiatives related to digital transformation
- Establish best practices related to technology road mapping, implementations, and change management

Details

412 Clubview Drive

Pinson, AL, 35126

United States

2058820807

shawn.o.weekly@gmail.com

Links

[LinkedIn](#)

Skills

Solution Architecture

Leadership

Microsoft .NET

Generative AI

Azure

- Maintain relevance in the digital transformation space through training, industry participation, and thought leadership
- Support corporate technology implementations to help ensure successful implementation for the Business Units

Innovation Committee Co-Chair, SDS Industry Consortium, Birmingham, AL

APRIL 2023 – MAY 2024

Co-chair of the Innovative Solutions committee at <https://sdsconsortium.com/>

- Investigate new technologies that can benefit the utility industry
- Create Proof of Concept (POC) and presentations on found technologies
- Co-lead the committee and schedule/run meetings to drive innovation and membership

SDS Consortium Technology Group Chair, SDS Industry Consortium, Birmingham, AL

JANUARY 2020 – NOVEMBER 2021

Technology Group Chair at <https://sdsconsortium.com/>

- Identification of technology topics that support the SDSIC goals
- With the help of the Technology group members, creation of content and presentations for distribution across the consortium footprint
- Organization and facilitation of monthly group meetings
- Primary point of contact for technology related information for the consortium

Principal, Southern Company, Birmingham, AL

NOVEMBER 2010 – NOVEMBER 2021

- Subject matter expert and business-side system architect for substation design solutions for Southern Company Transmission.
- Consultation and coaching of team members to ensure development standards and requirements understanding.
- System design and software development on service oriented solutions (REST based architectures and micro-services)
- Autodesk Vault and Autodesk CAD tool administration and integration
- Web development on both UNIX and Windows, add-ons and new tools for Autodesk products including Inventor and AutoCAD including its various verticals
- Industry level consultation on design software implementation and integration with various enterprise software.
- Creation of new applications and maintenance/feature addition to other apps in the Southern Company Transmission application portfolio.

Information Systems Team Lead – Senior Developer, Southern Company, Birmingham, AL

JUNE 2007 – NOVEMBER 2010

- Lead and senior developer in the maintenance of existing software for the Southern Company Pool Billing group
- Increased the performance of the Pool Billing application by over 50% and helped to bring down the time to bill from an average of 4 days to an average of right at 3 days.
- Maintained excellent customer service and relationships with the customers as well as developed a good understanding of the business processes around the Pool Billing application(s).

Senior Software Developer II, Nielsen, Birmingham, AL

OCTOBER 2005 – JUNE 2007

- Create and maintain new/existing software to address the needs of Nielsen's (formerly Arbitron) global customer base.
- Create software used to provide workflow solutions and data manipulation/reporting on radio marketing data.
- Contributed to the successful release of 3 major and 4 minor releases of software products.

Lead Software Developer, Bill View & Adjustments, BellSouth, AT&T, Birmingham, AL

JUNE 2004 – OCTOBER 2005

- Created hybrid .NET client(s) for modification and adjustment of end-consumer phone bills.
- Create and deploy Java web services for consumption in the .NET client

The client allowed the call-center representative to select individual and/or groups of line items on the bill and perform adjustments and modifications based on end-consumer wishes and needs.

Chemical Weapons Specialist w/ Recon Identifier, Sergeant(E-5), United States Army

MARCH 1991 – OCTOBER 1999

Several specialized training and leadership schools to include:

- Primary Leadership Development Training – Academic Honor Graduate; Fort Polk, Leesville, Louisiana
- Basic Non-Commissioned Course – Academic Honor Graduate; England Airforce Base, Alexandria, Louisiana
- Chemical Reconnaissance School - Honor Graduate; Fort McClellan, Anniston, Alabama
- Several different leadership positions throughout my enlistment; Team, Squad, and Company NBC (Nuclear, Biological, Chemical) Non-Commissioned Officer.
 - Honorable discharge in 1999.

Education

Master's degree in Information Technology, Capella University

JANUARY 2003 – JANUARY 2007