



# 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

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2058820807  
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## 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