David A. Bush

(W) 228-474-3003 · (C) 228-518-0034 · [LinkedIn Profile](#)
dabush@southernco.com

CAREER SUMMARY

A self-motivated and resourceful IT professional, focused on adding business value by providing a strong customer focus in the areas of technical support, implementation, direction and project management.

CORE STRENGTHS

- Project Management
- Communication Skills
- Presentation Skills
- Critical Thinking

- Detail Oriented
- Customer Service
- Public Speaking
- Problem Solving

PROFESSIONAL EXPERIENCE

Mississippi Power – Plant Daniel

Information Technology Specialist (03/2016 – Present)

Subject Matter Expert for business technology matters.

- Serve as the liaison between Technology Organization and Plant Management for a strategic partnership. Worked with the Technology Organization to successfully guide the plant through the converge phone change over, the Windows 10 upgrade, and the Southern LINC LTE upgrade without interruption of services.
- Provide thought leadership for technology projects for Plant Leadership to leverage technology for cost savings, security compliance and efficiency. Took the lead in using electronic access control to ensure physical security of personnel and cyber assets.
- Help Plant Leadership understand the impact of TO projects to the plant while focusing on the change management aspect. Presented business case for moving 2-way radio project up 1 year which negated the impact of LTE upgrade to 2-way communication while maintaining cyber, InfoSec and FAA requirements.
- Assist the plant Cyber Security Coordinator with physical access, server issues, replacements, and projects as needed.
- Updated and currently maintain plant website and SharePoint site. This brought the plant into compliance and satisfied auditors by providing a hub for plant documentation, procedures, and forms.
- Manage and coordinate IT projects for the plant. Took the led to relocate unit segregation equipment to a more secure location for NERC CIP compliance.

Maintenance Specialist / System Owner (08/2013 – 03/2016)

Coordination of maintenance for assigned systems to ensure generating availability.

- Successfully planned and managed system projects (capital and O&M) performed during maintenance outages. All outage work was done safely, on time and on budget.
- Managed O&M budget for assigned systems so needed improvements could be made.
- Sourced vendors for system improvements and established the use of an ash system valve design that became the company standard.

Power Plant Operations (06/1999 – 08/2013)

Control Room Operator -Coal/Gas

- Operated generation unit and directed activities of plant personnel to correct unit upset conditions and unit startups, helping the plant to meet reliability and availability goals.
- Additional duties included Operations Substitute Team Leader, Outage PM Team Leader, Contractor Coordinator.

Mississippi Gulf Coast Community College (Spring / Fall 2014)
Adjunct Instructor

- Provided classroom instruction on Process Instrumentation in the Process Technology Degree Program.
- Managed both classroom and online instruction, assignments, and exams.

Paper Mill Process Specialist - International Paper Company (06/1993 – 06/1999)
Jet Engine Mechanic – United States Air Force (06/1985 – 02/1993)

BUSINESS OWNER

Website Design / Hosting (2008 – 2017)

- Assisted small to medium size businesses as well as non-profit organizations establish a web presence by providing expertise in full stack website design and development.

EDUCATION

- **M.S. Information and Communication Technology (MS-ICT)** (2021) - University of Wisconsin Stout (GPA 3.9) – Emphasis on Cisco networking and cybersecurity
  [View ICT Portfolio]
- **B.S. Information Technology** (2015) - Columbia Southern University (Magna Cum Laude)
- **Associate of Applied Science Aircraft Power Plant Technology** (1992) - Community College of the Air Force
- **In-Plant Career Development Program** (2015) - Mississippi Power

PROFESSIONAL CERTIFICATIONS

- Oracle Cloud Infrastructure Foundations 2021 Associate – [View Certification]
- TestOut Linux Pro Certification – [View Certification]

PROFESSIONAL TRAINING

- Cybersecurity Practices for Industrial Control Systems - U.S. Department of Homeland Security Cybersecurity Infrastructure Security Agency (CISA) – [View Certificate]
- Cyber Risk to Industrial Control – CISA – [View Certificate]
- ICS Cybersecurity Risk – CISA – [View Certificate]

TECHNOLOGY COMPETENCIES

HTML	CSS	Cybersecurity	Networking
SharePoint	Oracle Cloud	Linux OS	JavaScript