

RYAN WINGES

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Results-driven, hands-on implementer with 10+ years of experience leading multi-phase business application modernization, integration design, and operational transformation in complex, resource-constrained environments. Proven ability to inherit broken implementations, take full ownership, and deliver durable solutions that reduce manual processes and strengthen internal technical capability. Skilled at translating technical architecture decisions for executive stakeholders and mobilizing cross-functional teams around new tools and processes. Deeply motivated by mission-driven work and building organizational infrastructure that is scalable, sustainable, and built to last.

CORE COMPETENCIES

- Business Application Architecture
- Microsoft Business Platforms
- Process Automation & Workflow Systems
- Cross-Functional Technical Enablement
- Tool Evaluation & Adoption Strategy
- BI & Data Management
- Multi-Year System Modernization
- Enterprise Systems Integration

TECHNICAL STACK

- **Microsoft Ecosystem:** Power BI (PL-300 Certified), Excel (Expert), Access, Power Apps, SharePoint, Teams, Microsoft 365
- **Data & Integration:** SQL, Python, DAX, VBA
- **Visualization & Collaboration:** Miro, Visio, PowerPoint, Camtasia
- **Enterprise Platforms:** SAP S/4HANA, SAP ECC 6.0, SAP Solution Manager 7.2, Focused Build, Test Suite, SAP BPC/EPM, SAP BW

PROFESSIONAL EXPERIENCE

Business Systems Analyst (2017 – 2025)

U.S. Department of the Interior (DOI) — Business Integration Office (BIO)

The Business Integration Office centrally manages SAP, the system of record for finance, property, and acquisitions across all DOI bureaus (~12,000 users managing \$128B in assets).

Enterprise System Modernization & Integration (S/4HANA Program)

Served as hands-on technical owner and de facto project lead for the Application Lifecycle Management workstream within DOI's multi-year enterprise SAP S/4HANA conversion.

- Rebuilt a failed vendor implementation of SAP Focused Build change-management tooling, redesigning workflows, governance processes, and documentation to restore adoption across a ~100-person program team.
- Diagnosed and corrected a decade-old configuration failure in SAP Solution Documentation that blocked ALM integration, rebuilding the platform as the foundation for the program's testing and change-management architecture.
- Designed and implemented SAP Test Suite infrastructure from scratch, building the testing framework, configuration environment, and governance process used across the S/4HANA migration testing program.
- Planned and executed a full mid-program upgrade of the Solution Manager platform without disrupting active project operations, maintaining continuity across testing and change-management workflows.
- Built and executed a tiered SME enablement model, recruiting and training 12 cross-functional technical leads to serve as embedded support resources across the migration program.

Systems Integration, Data Pipelines & Operational Support

- Managed DOI's DATA Act reporting pipeline (USAspending.gov), coordinating financial data from 10 bureaus, resolving data derivation configuration issues, and ensuring accurate public reporting.
- Implemented system enhancements and resolved defects across SAP finance modules supporting thousands of users.
- Conducted vendor capability analysis for a cloud hosting managed service provider (MSP) contract supporting DOI's security-hardened SAP environment.
- Supported enterprise migration from Google Workspace to Microsoft 365, helping teams select collaboration architectures and adopt new platform capabilities.

Organizational Systems Enablement

- Built a comprehensive training and documentation ecosystem for new enterprise tools, including process guides, architecture diagrams, video tutorials, and visual knowledge maps.
- Designed executive-level system architecture visualizations, timelines, and operational models using Miro and Visio to support decision making and cross-team coordination.
- Established structured support processes (standing daily "study hall" sessions) that improved tool adoption and reduced operational disruptions during high-volume program phases.

Accountant / Business Analyst (2014 – 2017)

U.S. Department of the Interior (DOI) — Office of Natural Resources Revenue (ONRR)

ONRR collects and distributes an average of \$12.3B annually in royalties from energy production on federal and Tribal lands.

- Designed and deployed a custom workflow management platform (SQL Server + Microsoft Access) automating invoice review, reconciliation, payment matching, and issue tracking processes.
- Reduced a monthly financial processing cycle from 30 days to 2–4 days (>85% cycle time reduction) by automating error detection, reconciliation workflows, and operational reporting.
- Built a proprietary UX layer over the Access application, allowing users to interact with a custom business system rather than a traditional database interface.
- Co-developed a matching algorithm that evaluated all invoice and payment combinations to identify reconciliation matches humans would likely miss, improving collection accuracy.
- Developed SOPs, training materials, and performance metrics to support sustainable system adoption across the accounts receivable organization.

Financial Statements Accountant (2010 – 2014)

U.S. Department of the Interior (DOI) — Bureau of Reclamation (BOR)

- Lead UAT tester for the agency's SAP ECC 6.0 deployment and financial system transition.
- Primary liaison for SAP BPC implementation and financial statement data validation.
- Rebuilt financial reporting structures following ERP conversion using BPC and EPM.
- Designed and administered a SharePoint collaboration portal and project sites supporting team operations and document management.

EDUCATION & CERTIFICATIONS

B.S., Accounting, Metropolitan State University of Denver

Microsoft Certified Power BI Data Analyst Associate (PL-300)

Microsoft Power BI Data Analyst Professional Certificate

IBM Data Science Professional Certificate