

JAMIE ROSZEL

AI Content Systems Architect & Modernization Lead

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Content systems leader who builds the infrastructure, not just the strategy. Sole architect of **RBX**, an AI-native content orchestration framework, and of a multi-agent production workflow now used across IBM Z content teams to ship published technical titles. Named modernization lead for IBM Redbooks and portfolio lead for Power in January 2026. IBM Entrepreneur Award recipient; selected for IBM Tech Conference 2026.

EXPERIENCE

IBM Redbooks — IBM Z Business Unit *Remote (Raleigh, NC)*

Power Portfolio Lead & Team Modernization Lead · January 2026 – Present

Project Leader · 2024 – 2026

- Sole architect of **RBX**, an AI-native content orchestration framework built on atomic Markdown topics with governed metadata and immutable content identifiers — now the production authoring system for the portfolio. **Cut time to publication by 30%** and **tripled content currency throughput**, the rate at which published material can be assessed for staleness and refreshed.
- Raised technical accuracy by replacing bespoke per-project processes with a standardized, governed workflow: enforced metadata tracking, structured review and sign-off gates, and separation of producer and auditor roles.
- Drove the portfolio's migration from a legacy FrameMaker pipeline to Markdown/HTML publishing **in three months** (Q1 2026) in partnership with the team developer, then delivered the first modular publications on the new system in August 2026.
- Built custom IBM Bob authoring skills that guide residency authors through drafting, embedding structural and editorial governance directly into the writing workflow rather than enforcing it downstream.
- Designed and shipped a 27-agent agentic production system spanning six phases from scope through publish, replacing a manual editorial pipeline.
- Consolidated fragmented content currency efforts into a single modular assessment and update workflow, making staleness measurable across the corpus instead of tracked title by title.
- Built and deployed a live topic-assembly platform prototype with immutable content identifiers and MCP-based delivery, validated at zero conformance violations against its authoring standard.
- Authored a 62-rule normative content standard governing Markdown optimized for AI retrieval, adopted as best practice by IBM Z Design.
- Developed a Model Context Protocol server exposing the Redbooks corpus to internal AI tooling through five retrieval tools.
- Led evaluations of AI editing and document-conversion tooling against seeded benchmarks, including a documented no-go recommendation that prevented a corpus-wide migration to an unstable format.
- Lead the Power portfolio's project leader team and own the FY2027 portfolio plan, scoping publication commitments against headcount constraints.
- Scaling the system across the Power portfolio with **eight further publications in flight** for 2026 and organization-wide rollout to the broader Redbooks team scheduled for Q1 2027.
- Co-presented at IBM Z All Hands under GM approval, securing organizational support for enterprise-wide AI content methodology.
- Founded and lead z-ai-accelerate, an internal community educating IBM Z teams on AI-enabled content practices.

- Architected a synthetic persona methodology for tailored technical content, adopted across IBM Z content teams.

IBM Cloud Databases — Content Developer *Remote (Raleigh, NC)*

2021 – 2024

- Owned the documentation portfolio for nine IBM Cloud database offerings, including CLI and API reference.
- Authored the complete GA documentation set for the Databases for MySQL launch.
- Built tutorials, FAQs, and troubleshooting content serving enterprise clients globally.
- Partnered with UI/UX on product landing pages and in-product WalkMe guidance to increase engagement.

Secondary English Instruction — 16 years

2005 – 2021 · Cary Academy (Cary, NC) · St. George's Independent School (Collierville, TN) · public schools

- Sustained a 98% Advanced Placement pass rate by making difficult material accessible without simplifying it.
- Presented at three national educational technology conferences; led faculty technology training.

PUBLICATIONS

As project leader and editor

- Securing Your z/TPF Environment (REDP-5740)

Published on the RBX system — architected by me, authored by residency teams

- [IBM Power S1112 Technical Overview and Introduction](#) (MD260032) — August 2026
- [Modernizing IBM i Applications](#) (MD260020) — July 2026, 28-author residency

PATENTS

- **Bidirectional Inference of Personalized Metalearning** — co-inventor; U.S. patent application filed

RECOGNITION

- IBM Entrepreneur Award, Q1 2026
- Selected for IBM Tech Conference 2026 — invite-only, requiring business unit leadership approval

WRITING & COMMUNITY

- A Human in the Loop (inhumanloop.com) — essays on AI, content systems, and editorial practice
- Founder, z-ai-accelerate — internal IBM community for AI-enabled content practice

EDUCATION

- **M.S., Business in AI** — Boston University · in progress, expected 2028
- **Software Engineering Certificate** — General Assembly
- **B.A., Secondary Education (English)** — Clemson University

SKILLS

AI Systems & Architecture — AI-native content architecture, agentic workflow design, LLM integration, Model Context Protocol, prompt engineering, retrieval optimization, model evaluation & benchmarking

Content Systems — Modular and topic-based architecture, structured authoring, documentation as code, content governance and review controls, content personalization at scale, DITA XML, Markdown

Technical — Python, TypeScript, Git/GitHub, HTML/CSS, Docling, Jekyll, IBM Bob, Adobe Experience Manager, FrameMaker migration

Leadership — Portfolio and program leadership, executive stakeholder engagement, standards development, team development, change management