

From digital chaos to a scalable foundation — overnight

A sprawling, disorganized environment with no version control was reorganized and rebuilt into a scalable, production-ready foundation in a single evening.



The Challenge

A digital workspace for engineers to stage customer projects had grown organically over time. Programs, websites, documentation, scripts and deployment artifacts were scattered across multiple locations with no consistent structure or version control. Before any new project could begin, the foundation itself needed work.

The organization needed a workspace that actively enabled future work rather than getting in its way. And the organization had to execute that reorganization without losing anything.

Bob's answer: Start with structure, then move fast.



What Bob Did

The existing workspace had programs, website files, infrastructure scripts and documentation co-mingled with no clear hierarchy. There was no git history, no remote repository and no path to CI/CD. First, Bob analyzed what existed and proposed a clean top-level architecture for the project manager before a single file was moved.

With a clean workspace in place, attention turned to the public-facing website. A single IBM GCM documentation page was serving as two different websites — with no dedicated landing page, program showcase or way for visitors to understand the full portfolio. Bob diagnosed the underlying infrastructure problems, proposed an architectural solution and executed the full deployment — including debugging live failures in real time.

Takeaway 1: Bob as planning partner

Bob analyzed the problem space, identified architectural options, articulated trade-offs clearly and made a recommendation for the project lead. The quality of Bob's reasoning made the decision easy and fast.

Takeaway 2: Bob as execution partner

From a proposed folder hierarchy to a live, validated deployment — including real-time debugging of Azure SWA config errors — Bob operated across the full delivery chain without losing context or needing to be re-briefed.

Takeaway 3: Structure enables everything

Version control, CI/CD, clean deployment pipelines, a proper public showcase — none of it was possible without foundational structure. Getting organized first made everything else faster.



BOB FACT

What normally takes weeks of planning, I finished in one evening — and left behind a one-command process for every future change.

DATA POINT

Weeks → one evening.