



Dr. Brent Hollers

Strategic Cloud Leader & Solutions Architect

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Profile

Strategic Cloud Leader & Solutions Architect with 19+ years of experience managing complex technical programs and infrastructure modernization. Expert in leading high-stakes cloud migrations, securing \$100K+ in project funding, and designing scalable AWS environments for specialized technical workloads. Proven track record of translating complex technical designs into actionable strategies for executive stakeholders.

Education & Certifications

AWS Cloud Solutions Architect

AWS Cloud Practitioner

Postgraduate Certificate in Cloud Architecture

University of Texas-Austin

Master of Science, Data Science

Eastern University

Doctor of Philosophy, Workforce Education

University of Georgia

Bachelor of Business Administration in

Accounting

University of North Georgia

Google Cybersecurity Certificate

Microsoft Office Master Certification

Key Projects

Enterprise Cloud Migration & Identity Modernization

Led the strategic overhaul of on-premises network infrastructure by migrating legacy domain services to **Azure Active Directory**. This initiative modernized identity management and secured a 1:1 Chromebook deployment for over 500 users, enhancing enterprise-wide scalability and security.

High-Availability Cloud Printing Migration

Engineered the migration of a local **PaperCut** server to a cloud-based solution. This project delivered significant cost savings by reducing on-site hardware footprints while achieving high availability and secure offsite printing access for a distributed user base.

Scalable AWS Academic Infrastructure

Designed and deployed a containerized environment on **AWS** to support practical Java programming and technical curriculum. This solution provided a scalable, high-performance platform for specialized technical workloads, demonstrating proficiency in **AWS container services** and resource orchestration.

Automated Cybersecurity Range & Lab Environment

Developed a cloud-native **Cyber Range** on **AWS** featuring an autoscaling Linux distribution. This controlled environment allowed for the real-time practice of cybersecurity principles, utilizing autoscaling to manage compute costs while maintaining performance during high-concurrency training sessions.

Browser-Based 3D Slicing via Containerized Cloud Deployment

Solved a critical hardware limitation by architecting a cloud-hosted, containerized version of **Bambu Lab Slicer** software. By leveraging cloud containers, users were able to access high-compute 3D slicing tools directly via a browser on low-power devices (Chromebooks), ensuring seamless technical access without local installation.

Professional Experience

- Director of Information Technology & STEM**
St. Mary's Academy
06/2021 – Present | Fayetteville, GA
- Overhauled network infrastructure, migrated servers and AD domain to **Azure**, deployed 1:1 Chromebook program, implemented cloud print server with Papercut.
 - Led Enterprise Cloud Migration & Infrastructure Modernization:** Directed the overhaul of all network infrastructure, including migration of domain services to **Azure Active Directory** and implementation of a 1:1 Chromebook program, significantly improving security and scalability for 500+ users.
 - Owned and Delivered Technical Programs on AWS:** Designed and deployed cloud-based solutions, including a **Cyber Range on AWS** for hands-on student training and an **AWS containerized environment** for practical Java programming, demonstrating proficiency in scalable cloud deployment for specialized use cases.
 - Managed Complex Program Lifecycle:** Successfully secured over **\$100K+ in grants** and managed the development of a comprehensive, multi-year STEM program that achieved **6-year accreditation in just 2 years** (typically 6 years), validating expert ability to define scope, allocate resources, and deliver on ambitious organizational goals.
 - Executive Stakeholder Management:** Served as the top technology leader, communicating IT strategy, risk, and technical roadmaps to the Board and executive leadership.

Core Technical Competencies

Cloud Architecture & Migration

Expertise in AWS and Azure environments, directing full-scale migrations from on-premises infrastructure to cloud-native identity and server solutions.

Containerization & Application Modernization

Proficient in designing containerized deployments on AWS to deliver high-compute software via browser-based interfaces.

Enterprise Identity & Access Management

Advanced administration of Azure Active Directory and IAM protocols to secure 500+ user environments.

Infrastructure as a Service (IaaS)

Skilled in managing the lifecycle of cloud-based servers, including high-availability print servers and virtualized cybersecurity ranges.

Data Strategy and Analytics

M.S. in Data Science with proficiency in PostgreSQL, Python, and AI/ML modeling to drive data-driven organizational decision-making.

Strategic Stakeholder Management

Experienced in communicating complex technical roadmaps, risk assessments, and ROI to executive boards and cross-functional leadership.

Program Lifecycle & Budgeting

Proven ability to manage large-scale technical programs, including securing \$100K+ in project funding and meeting accelerated accreditation benchmarks.

Cybersecurity & Compliance

Expertise in developing cybersecurity programs and managing secure cloud environments, evidenced by high-performing certification results.