

Cameron Fox

Information Systems Architect | Business Process Automator | Data Management & Cloud Solutions
cameron@cameronkfox.com | (812) 345-9810
linkedin.com/in/cameronkfox/
cameronkfox.com

EDUCATION

Indiana University, Kelley School of Business – Bloomington, IN

Bachelor of Science in Business

Major: Management Information Systems

Co-Major: LEAD – Law, Ethics & Decision Making

- **Honors:** Awarded 3rd Place in Deloitte's Data Case Competition for analytical excellence
- **Skills Learned:** Proficient in advanced Excel analytics, VBA-driven process automation, Python-based data engineering, high-performance SQL query refinement, and adept in agile project management systems (Jira, Scrum, Agile frameworks).
- **Relevant Coursework:** Relational Database Architecture, Enterprise IT Project Leadership, Advanced VBA Applications, Cloud Infrastructure Management, R Statistical Modelling, and Cybersecurity Network Governance.
- **Certifications:** Adobe Generative AI for Creativity and Innovation, AWS Certified Cloud Practitioner (Expected 05/25)

EXPERIENCE

Adobe

01/24 – Present

Cloud Solutions Architect for Creative Platforms

- Collaborated with Adobe representatives to architect scalable solutions integrating Adobe Creative Cloud products into innovative workflows, enhancing design efficiency and creative output for diverse projects.
- Engineered and executed data-driven social media campaigns leveraging Adobe's suite of cloud-based tools, optimizing audience engagement through advanced automation and analytics.
- Designed and facilitated immersive activation events, showcasing Adobe's cutting-edge capabilities in cloud-enabled collaboration, asset management, and AI-driven creative workflows to drive adoption of enterprise-level solutions.

Indiana University Recreational Sports

08/21 – 01/24

Automation Consultant

- Developed a swim lesson tracking prototype leveraging Azure Data Lake, Functions, and Logic Apps, automating workflows to save est. 1-2 hours daily, enabling real-time, cloud-based data management and significantly enhancing efficiency.
- Streamlined scheduling by collecting employee availability and utilizing SQL-backed workforce management tools to generate optimized shift plans, reducing conflicts by 10% and ensuring peak-hour reliability.

Fox Enterprises

03/17 – 08/21

Founder

- Enhanced business visibility by implementing automated CRM systems for outreach and audience engagement, leveraging data analytics to identify target demographics, and effectively balancing academic and professional responsibilities to drive business growth.
- Developed a streamlined post-production workflow for the Brown County Barn Quilt series, utilizing shared storage for asset management, advanced industry-grade features like color grading and dynamic masking, and metadata tagging to reduce editing time by 20%. Employed gimbal stabilization and professional editing techniques to create high-quality content, garnering thousands of views and boosting local engagement.
- Utilized collaborative tools to manage stakeholder feedback and ensure on-time delivery under strict deadlines, demonstrating strong project management and multimedia production expertise.

NOTABLE DELIVERIES

Virtualization Server Architect

Chief Systems Architect

- Designed and employed a multiple-node hypervisor cluster using QEMU/KVM and LXC to host critical services, including Windows VMs and Web Server containers, achieving high reliability and optimized resource utilization.
- Built a secure, dynamic portfolio website integrating OpenAI's ChatGPT API for intelligent visitor interaction, secured with Let's Encrypt SSL, Cloudflare tunneling, and Google reCAPTCHA v3.
- Architected a RAID1 array for fault-tolerant media storage, automating advanced transcoding workflows and enabling seamless, high-performance streaming across diverse platforms.

Automation Solutions Architect

Principal IoT Solutions Architect

- Engineered a solution to integrate outdated security camera controllers into leading IoT platforms, utilized NVIDIA NVENC encoding pipelines, a custom Node.JS framework for secure bridging, modernizing legacy hardware for seamless integration with contemporary IoT ecosystems.
- Constructed and delivered a cost-effective and real-time monitoring solution that provided key parties with peace of mind while showcasing advanced IoT integration and legacy modernization capabilities.