Cameron Hammond

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Education

Master of Information Systems Management (MISM)   **Dec 2026**
DevOps Emphasis, STEM-Certified Technical Program
Brigham Young University – Marriott School of Business, Provo, UT
- GPA **3.94/4.00**
- Full-Tuition Academic Scholarship, Marriott School **Dean's List** Academic Award Recipient
- Association of Information Systems (**AIS**), Mentorship Program (Mentoring 8 Junior IS students)

Technical Skills

- **Cloud Infrastructure & DevOps:** Proficient in **AWS** (EC2, RDS, S3, Lambda, API Gateway, IAM, EKS, Auto Scaling, Route53), **Docker**, **Kubernetes**, and **Terraform** for infrastructure automation. Experienced in **CI/CD** tools (AWS CodePipeline, CodeDeploy) and network fundamentals (TCP/IP, Routing, Switching).
- **Cybersecurity:** Experienced in **penetration testing**, malware analysis, system hardening, encryption, authentication, **IDS/IPS**, and risk assessments, with strong documentation and reporting skills.
- **Software Development:** Skilled in **Python**, **JavaScript**, C#, HTML/CSS, and full-stack development with ASP.NET Core MVC.
- **Project Management & Collaboration:** Adept in **Agile**/**Scrum**, paired programming, and technical documentation (activity, sequence, and class diagrams).

Experience

Platform Engineer Intern   **June 2025 - Aug 2025**
SonicWall, Remote

- Designed, developed, and deployed an AWS to GCP log pipeline (CloudWatch, Kinesis Firehose, S3, IAM) to securely transfer firewall WAF logs, enabling CSIRT team analysis across platforms
- Implemented Wiz IaC scan integration into GitLab CI/CD, automating Terraform file security checks on merge requests; streamlined vulnerability detection and visibility within GitLab UI
- Authored and reorganized Confluence documentation (SSP team overview, onboarding/offboarding checklists), improving process clarity and management efficiency

Lab & Instructional Assistant: Cloud Engineer, DevOps, & Cybersecurity   **Jan 2025 - Present**
Brigham Young University, Provo, UT

- Mentored 250+ students across Cybersecurity, DevOps, and Cloud Engineering courses, providing support for AWS services (EC2, S3, IAM) and infrastructure tools like Docker and Terraform
- Provided on-demand technical support on AWS cloud environments and virtualization platforms, resolving complex student issues and deepening their comprehension
- Guided students to understand DevOps principles and the full system impact of their code, focusing on best practices and security

Lead Developer and Co-Founder   **May 2024 - Oct 2024**
EchoCraft Web Development Studios, Provo, UT

- Launched web design and development business tailored to individual and small business needs
- Led client consultations to define website goals, translating business needs into tailored solutions
- Designed 3 user-friendly websites, ensuring optimal usability, branding alignment, and business impact

Accomplishments, Projects, & Certifications

- **MISM Capstone Project: Hill Air Force Base Cybersecurity Training**
  Technologies: Virtualization (VMs), Cybersecurity
    - Designed and **created a virtualized training environment** consisting of **two dedicated Virtual Machines (VMs)** for Air Force technical professionals.
    - The system was deployed to deliver **Cybersecurity principles training** within a secure, **air-gapped network** environment.
    - **Coordinated** with Air Force personnel to align project requirements and ensure the successful deployment of the training technology onto the base's air-gapped network.
- **AWS Certified Cloud Practitioner | Amazon Web Services**
  Earned April 2025
    - Validated foundational cloud knowledge across **AWS compute**, **storage**, **security**, and **pricing models**
    - Strengthened cloud architecture and service management **expertise** applied in academic and internship projects
- **FinOps Certified Practitioner | FinOps Foundation**
  Technologies: AWS, Azure, GCP
    - Earned certification demonstrating expertise in **cloud financial management, cost optimization, and operational efficiency**.
    - Applied **FinOps principles** to drive **cost-aware cloud strategies**, with an emphasis on **AWS cost management**.
- **AIS Data Analytics Competition National Finalist 2024**
  Technologies & Skills: Python Pandas, Machine Learning, Professional Presentation
    - Placed **3rd nationally**, leveraging data analytics and machine learning to generate **strategic insights under tight deadlines**.
    - Collaborated with a **diverse team** to analyze social capital data and design solutions aimed at integrating individuals across socioeconomic backgrounds.
    - **Presented** findings in a **professional setting**, demonstrating strong communication and analytical skills.
- **Personal Website Portfolio**
  Technologies: AWS S3, API Gateway, Lambda, DynamoDB, Terraform, Node.js
    - Developed a **fully functional web portfolio** hosted on **AWS S3**, integrating **serverless backend solutions**
    - Implemented **API Gateway & Lambda** for seamless **data transmission and compute efficiency**.
    - Designed a **DynamoDB database** to simulate real-time data streaming for a **large restaurant franchise**.
    - Utilized **Terraform** to automate **cloud infrastructure provisioning and management**.
- **BYU Information Systems - Program-Wide Tech Competition – Fall 2023**
  Technologies & Skills: Elastic Beanstalk, RDS, EC2, JavaScript, Node.js, Python Pandas, Presentation
    - Awarded **2nd place** among 56 teams for outstanding web development and professional presentation capabilities.
    - Built a **sophisticated web solution** leveraging **AWS cloud services** and **full-stack development**.
    - Demonstrated excellence in technical execution and strategic communication in a competitive academic setting.
    - Exhibited exemplary **teamwork** and collaboration among a **diverse team**, achieving technical excellence under tight deadlines and high pressure in a competitive academic setting.