

DAVID W. BIGGER

Cybersecurity Professional | Technical Enablement Leader | Red Team & Security Awareness Specialist | Edu-Tainer

david@davidbigger.com

PROFESSIONAL SUMMARY

Results-driven cybersecurity and enablement professional with 20+ years of experience designing, scaling, and leading high-impact technical training programs for cybersecurity, cloud platforms, and enterprise technology solutions. AWS Certified leader with proven expertise in red team operations, phishing simulations, security awareness training, and building gamified learning environments. Expert at translating complex adversarial tactics into accessible training content, developing partner certification programs, and collaborating with executive stakeholders to align enablement with strategic growth initiatives. Experienced in delivering actionable security assessments and comprehensive reports to enterprise clients while managing cross-functional enablement strategies that accelerate time-to-productivity and drive measurable business outcomes.

CORE COMPETENCIES

Technical Expertise

- Penetration Testing & Red/Blue Team Operations
- Phishing Simulation & Social Engineering (GoPhish, SET)
- Vulnerability Assessment & Threat Analysis
- Incident Response & Root Cause Analysis
- Cloud Computing (AWS, Azure, Google Cloud)
- Security Frameworks (SOC 2, FIPS, STIG, PCI-DSS)
- SIEM Platforms & Threat Intelligence Tools

Training & Enablement

- Technical Enablement Program Leadership & Team Management
- Security Awareness Program Design & Delivery
- Partner Readiness Framework Design & Certification Programs

- Instructional Design & Curriculum Development
- Learning Experience Innovation & Hands-On Training Design
- Scenario-Based Simulations & Lab Environment Creation

Leadership & Business

- Cross-Functional Leadership (Product, Sales, Customer Success, Marketing)
- Stakeholder Management & Executive Relationship Building
- Project Management & Analytical Skills
- Communication, Presentation & Coaching
- Program Measurement & Performance Tracking

Tools & Platforms

- Security Tools: GoPhish, Social Engineer Toolkit (SET), Kali Linux, Parrot OS, Rapid7 Insight Suite, Recorded Future
 - Cloud Platforms: AWS, Azure, Google Cloud
 - Operating Systems: Windows Server, Linux (Ubuntu, Kali, Parrot)
 - Scripting: PowerShell, Bash, Python
 - Learning Management Systems (LMS)
 - Development: HTML/CSS, Artificial Intelligence Integration
-

PROFESSIONAL EXPERIENCE

Founder & Principal Consultant | Bigger IT Solutions

June 2014 – Present

Built and scaled comprehensive cybersecurity consulting and technical enablement practice, leading program design and delivery for diverse enterprise and small business clients while maintaining strategic vendor partnerships. Currently training military personnel and supporting organizations from Fortune 500 companies to small businesses and academic institutions with measurable training outcomes across multiple technical audiences.

Red Team & Security Operations:

- Designed and executed phishing campaigns using GoPhish and Social Engineer Toolkit (SET), creating custom email templates tailored to client requirements and threat landscapes
- Monitored and analyzed phishing simulation metrics including open rates, click-throughs, and attachment downloads, identifying organizational vulnerability patterns
- Delivered comprehensive reports to clients on phishing campaign results with actionable recommendations for improving security awareness
- Applied incident handling methodologies and root cause analysis to security assessments and client engagements
- Maintained hands-on home lab with honeypots, SIEM deployment, and red team simulation capabilities

Training & Enablement:

- Delivered training programs for diverse client base including military contracts, Fortune 500 corporations (technology, defense, and retail sectors), and academic institutions
- Created comprehensive technical training courses covering emerging cybersecurity threats, compliance frameworks, and certification preparation
- Designed and implemented scalable lab environments and red/blue team simulation networks for hands-on learning experiences
- Scaled training delivery from 60+ person conference sessions to personalized 1:1 enablement, delivering 35+ technical programs annually
- Built and managed physical and virtual lab environments for networking and cybersecurity training, creating hands-on, interactive experiences

Strategic Partnerships & Consulting:

- Maintained strategic vendor partnerships with major certification and security vendors, serving as training and learning partner while providing product feedback
 - Provided strategic training consultation to technology companies on internal training challenges and comprehensive learning frameworks
 - Successfully managed complex project schedules, budgets, and stakeholder communications across concurrent client engagements
 - Designed and implemented program measurement frameworks tracking effectiveness and learner progression, continuously optimizing curriculum based on feedback
-

Senior Trainer (Contractor) | Multiple Training Partners & Providers

March 2014 – Present

Deliver professional cybersecurity certification and security awareness training to hundreds of students annually across government, military, and private sector organizations, consistently receiving outstanding feedback for ability to simplify complex technical concepts.

Key Responsibilities:

- Design and deliver certification-focused training programs including Security+, Network+, Ethical Hacking, Digital Forensics, and Security Awareness
- Translate complex technical concepts into accessible learning experiences for diverse audiences ranging from beginners to advanced practitioners
- Manage complete training operations including logistics coordination, classroom setup, equipment configuration, and travel across multiple locations
- Consistently receive outstanding student feedback highlighting exceptional use of analogies and ability to simplify complex subjects
- Adapt training delivery style to meet the needs of different organizational cultures and learning environments

Project Lead / Senior Instructor | Defense Contractor (US Army Contract)

2009 – 2014

Led technical enablement programs for Army cybersecurity and IT personnel, training contractor teams to become subject matter experts and supporting strategic training initiatives across multiple technical domains while serving as key contributor to senior leadership planning.

Program Development & Leadership:

- Authored 19 specialized technical training courses integrating real-world threat scenarios, social engineering principles, and evolving cybersecurity tactics
- Translated complex threat intelligence and adversarial tactics into accessible learning content for diverse technical skill levels
- Designed comprehensive beginner-to-expert curriculum strategy for unit operations, creating accelerated proficiency pathways that minimized training time while maximizing operational readiness

- Developed specialized technical certification programs with measurable competency outcomes, collaborating with senior leadership and technical SMEs

Infrastructure & Execution:

- Built and managed extensive lab infrastructure (VMware, cloud platforms, security tools) supporting immersive, hands-on learning experiences
- Led development of scalable training infrastructure including lab networks and realistic simulation environments supporting hands-on exercises
- Designed and executed comprehensive technical bootcamp strategy delivering 200+ courses annually to distributed teams, establishing program training standards that became unit best practices

Team Development & Recognition:

- Trained contractor teams to become subject matter experts, earning peer recognition as "Drill Sergeant" while establishing scalable training methodologies
- Mentored junior instructors and collaborated with military leadership to enhance training effectiveness and track performance KPIs
- Established team performance metrics and continuous improvement processes that improved knowledge transfer and job performance

EDUCATION

Bachelor of Science, Information Technology

Western Governors University – Online

Expected Completion: August 2025

Bachelors of Science, Information Technology Management

Western Governors University – Online

Graduated: August 2025

Associate of Applied Science, Computer Information Systems

Owensboro Community & Technical College – Owensboro, KY

Graduated: May 2001

CERTIFICATIONS

CompTIA

- ITF+, A+, CASP+, Pentest+, Security+, Network+

EC-Council

- Certified Ethical Hacker (CEH)
- Certified Network Defender (CND)
- Computer Hacking Forensic Investigator (CHFI)
- Certified Threat Intelligence Analyst (CTIA)
- Certified Cybersecurity Technician (CCT)
- EC-Council Certified Instructor (CEI)
- Certified Incident Handler (CIH)

Cloud & Infrastructure

- AWS Certified Cloud Practitioner
- Cisco Certified Network Associate (CCNA)
- ITIL Foundation (Axelos)

Security Tools

- Rapid7: Vulnerability Management, Endpoint Detection, Metasploit Pro
-

KEY ACHIEVEMENTS & HIGHLIGHTS

- Successfully operated independent cybersecurity consulting and training business for 10+ years, managing curriculum design, content creation, client relations, and executive reporting
- Designed and delivered phishing campaigns and social engineering exercises for enterprise clients, providing detailed metrics analysis and security posture recommendations
- Built scalable lab environments and red/blue team networks supporting comprehensive threat simulation exercises and hands-on technical training
- Authored 19+ technical training courses translating real-world threat intelligence into practical learning scenarios
- Delivered training to thousands of professionals across government, military, Fortune 500 corporations, and small businesses
- Secured and maintained long-term contracts with military organizations as primary cybersecurity training provider
- Maintained strategic partnerships with major certification bodies and security vendors, contributing to product improvement initiatives

- Achieved consistent high satisfaction scores across diverse training audiences with measurable performance improvements
 - Designed comprehensive program measurement frameworks enabling continuous curriculum optimization and ROI demonstration
-

TECHNICAL PROFICIENCIES

Operating Systems: Windows Server (All Versions), Linux (Ubuntu, Kali, Parrot, CentOS), macOS

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform

Security Tools: GoPhish, Social Engineer Toolkit (SET), Metasploit, Burp Suite, Nmap, Wireshark, SIEM Platforms, IDS/IPS, Vulnerability Scanners

Networking: TCP/IP, VLANs, Routing & Switching, Firewalls, VPN, Network Segmentation

Virtualization: VMware (ESXi, Workstation), VirtualBox, Hyper-V, Docker

Scripting & Automation: PowerShell, Bash, Python (Basic to Intermediate)

Development & Content Creation: HTML/CSS, Learning Management Systems, eLearning Platforms, AI Integration for Training Content

References and detailed project examples available upon request