Bill Weber

4015 S. Main Street #10088, South Bend IN 46680 USA
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PROFESSIONAL EXPERIENCE

Cyber Foundry, South Bend, Indiana USA   2017 to present
Founder (President) / CISO

Lead Cyber Foundry's delivery of high-impact cybersecurity and technology services to public sector, defense, research, and commercial clients. Oversee and execute multiple active client programs, serving as a virtual or embedded CISO to align security operations with business strategy, compliance mandates, and modernization efforts. Drive initiatives in CMMC readiness, AI infrastructure development, and incident response for organizations managing sensitive or regulated environments.

- Manage CMMC readiness programs including pre-assessments, gap analyses, and roadmap creation aligned to NIST SP 800-171 and DFARS requirements.
- Develop and deploy on-premise AI environments, including secure LLM, RAG, and graph-based systems for clients handling CUI and ITAR-regulated data.
- Lead post-incident root cause investigations, providing technical and strategic guidance to restore operations and strengthen future resilience.
- Deliver CISO services to high-value organizations, offering ongoing security leadership, board-level reporting, and control design.
- Support small and mid-sized businesses in secure cloud adoption, modernization, and compliance automation.

Sample Engagements Include

- New York City Public Schools – Implemented Third Party Risk Management program
- ClearView Capital – Virtual CISO to a Venture Capital Firm

Ultra Maritime, Braintree, Massachusetts USA   2024 to 2025
Chief Information Security Officer (CISO)

Brought in to establish and lead a formal cybersecurity program for a high-tech defense contractor operating in sensitive maritime domains. As part of a broader organizational transformation, guided the business through early-stage cyber maturity initiatives, aligning efforts with **CMMC Level 2** expectations and regulatory readiness. Led the effort to ensure the company's security posture supports future strategic events, including third-party risk assessments and due diligence readiness.

Built the company's first comprehensive cybersecurity strategy and roadmap aligned with **DoD and DFARS requirements**, emphasizing scalability and defensibility.

- Launched **CMMC readiness program**, including gap analysis, policy development, and security control implementation across core business units.
- Developed executive-level briefings and board-ready security updates to support leadership decision-making and long-term strategic alignment.
- Partnered with legal, compliance, and engineering teams to ensure that cybersecurity was embedded across both operations and product development.
- Prepared the organization for third-party due diligence by formalizing governance structures, documentation practices, and vendor risk management processes.
- Introduced cybersecurity metrics and program maturity tracking to demonstrate measurable progress toward federal compliance standards.

Penn State University Applied Research Lab, State College, Pennsylvania USA   2023
Chief Information Security Officer

Directed enterprise-level cybersecurity initiatives for a federally funded research and development center. Assessed and enhanced security architecture, implemented compliance strategies aligned with federal mandates, and advised senior leadership on risk mitigation and program improvements.

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New York University, New York, New York USA   2021 to 2021
Director of Detection, Response, and Forensics Teams / Chief Information Security Officer (CISO)
Led NYU's global detection and response function during a transitional period, supporting 13 international campuses and preparing the university for major operational changes. Rebuilt core SOC capabilities, deployed XDR and SOAR platforms, and established incident response protocols to strengthen enterprise resilience.

Massachusetts Institute of Technology (MIT) Lincoln Laboratory, Lexington, Massachusetts USA   2018 to 2020
Cyber Security Sector Manager / Chief Information Security Officer (CISO)
MIT Lincoln Laboratory is a Department of Defense–sponsored Federally Funded Research and Development Center (FFRDC) supporting national security innovation in advanced technology, communications, aerospace, and cyber systems. As the lab's first formal Chief Information Security Officer, led the development and execution of comprehensive cybersecurity strategies for both classified and unclassified environments, serving a large, complex R&D organization with elevated threat exposure and unique mission demands.

eSentire, Waterloo, Ontario Canada, Principal Security Strategist (vCISO)   2016 to 2018
Hewlett-Packard Enterprise (EDS), Plano, Texas USA, Enterprise Architect (vCISO)   2003 to 2016
Microsoft, San Diego, California USA, Engineer   1999 to 2003
Winchester Hospital, Boston, Massachusetts USA / Manager, Information Technology   1998 to 1999
New England Medical Center (Tufts), Boston, Massachusetts USA, Senior Consultant   1996 to 1998
St. Mary's Health Services (Mercy Health Services), Grand Rapids, Michigan USA, Senior Consultant 1992 to 1996

EDUCATION	CERTIFICATIONS
Master of Business Administration (MBA)	OneTrust Fellow of Privacy Technology #73644
University of Texas at Dallas, Graduated 2011	(ISC)² Certified Information Systems Security Professional (CISSP) #29867
	ISACA Certified Information Security Manager (CISM) #1014442
Master of Science (MS)	ISACA Certified in Risk and Information Systems Controls (CRISC) #1004569
Information Technology specializing in Security	Microsoft Certified Systems Engineer (MCSE) #1793697
Capella University, Graduated 2008	Microsoft Certified Information Technology Professional (MCITP) #1793697
	Amazon Web Services Certified Cloud Practitioner (CCP) #01783372
Bachelor of Science (BS)	Cisco Certified Network Associate / Design Associate (CCNA/CCDA)
Computer Information Systems	#CSCO010095762
Excelsior College, Graduated 2006	NSA IS Sec Pro / System Admin / InfoSec Assessment Method (CNSS 4011/4013)
	ICCP Certified Computing Professional (CCP) #240331
PUBLICATIONS	CompTIA A+ / i-Net+ / Network+ / Server+ / Cert Tech Trainer (CTT+) #COMP10445345
▪ CFO's Guide to Just Enough Cybersecurity for Venture Capital Firms	
▪ Guide to Creating Usable Cybersecurity Policies and Procedures	**HONORS & VOLUNTEER ACTIVITIES**
	Mensa International High IQ Society / Security Special Interest Group Coordinator
	BSides Bloomington Board of Directors / Content Director
REFERENCES	TOOOL The Open Organization of Lockpickers
Please see the attached summary or LinkedIn for a full list.	FCC Licensed HAM Radio General Operator KD9YTT
	FBI InfraGard
	CLEARANCES
	US Department of Defense / US Department of Homeland Security