

David C. Fields, MSc, BSc

IT Consultant · Cybersecurity · Network Automation & Engineering · Cloud

📍 Hebron, OH ✉ david@davidcfields.com ☎ 740-334-0254

🌐 www.davidcfields.com 🔗 linkedin.com/in/davidcfields-it

Executive Summary

Results-driven IT Consultant & Network Automation Engineer with 30+ years' experience across networking, cybersecurity, automation, and cloud infrastructure. Former DoD military contractor at Wright-Patterson AFB (88th Communications Group), previously holding a Top Secret clearance. First CCNA-certified professional on base (1999), selected to help design and implement the Air Force's global rollout of Secure Computing BSD-based Sidewinder firewalls. Skilled in Python automation, enterprise security frameworks, and IT transformation projects. Currently building Lighthouse Digital Logistix, an IT consulting practice focused on AI-driven automation, cybersecurity, and cloud solutions.

Notable Achievements

- DoD Contractor, WPAFB (88th Communications Group): Held Top Secret clearance, supporting advanced high-speed and secure network engineering projects
- First Cisco CCNA-certified professional at WPAFB (1999), led teams to get their certifications, taught evening and weekend Cisco classes at Miami Jacobs Community College in Dayton, OH
- Helped design and implement the Air Force's worldwide deployment of Secure Computing Sidewinder firewalls at WPAFB (1999-2000) near Y2K
- Built Python-based automation inside ServiceNow, resolving 100,000+ incidents annually by auto-triaging and closing tickets
- Sparked an organization-wide automation initiative that is still in use today at Huntington National Bank
- Entrepreneurship & Leadership: Founded and scaled multiple businesses employing 30+ people and managing end-to-end operations

Core Competencies

- **Network Engineering & Automation:** Python, APIs, DevOps, and other frameworks, programming languages, Cisco IOS, PAN OS, Arista, Ansible & many others
- **Cloud & Virtualization:** VMware, AWS, Azure, Citrix, Microsoft
- **Enterprise IT Consulting & Client Engagement**
- **Cybersecurity & Compliance:** PCI, HIPAA, NIST, ISO 27001
- **Firewalls, IDS/IPS, & Network Security:** Cisco, Palo Alto, Checkpoint, SonicWall including ISE, NAC, Aruba, PANOS, Cisco IOS
- **Incident Response & SOC/NOC Operations**

Professional Experience

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| Lighthouse Digital Logistix LLC <ul style="list-style-type: none">• IT consulting in Automation, Cybersecurity, Network & AI Ops | Hebron, OH (2024–Present)
Owner/Principal Consultant |
| Ohio Party Bus & Ohio Fun Excursions <ul style="list-style-type: none">• Manage 33+ staff, fleet operations, sales, advertising, marketing, financial systems, digital automation, website and social | Hebron, OH (2021–Present)
Founder/CEO |
| Huntington National Bank <ul style="list-style-type: none">• Developed automation resolving 100K+ tickets/year; supported enterprise LAN/WAN/ATM networks, branches, and Internet security perimeters | Columbus, OH (2018–2024)
Sr. Network Automation Engineer
Sr. Network Engineer
NOC Engineer |
| Alliance Data Systems / Fujitsu America / CareWorks Technologies / Cisco Systems / ODJFS / Longaberger <ul style="list-style-type: none">• Delivered PCI-compliant security, large-scale LAN/WAN/MPLS migrations, and many other successfully completed state-wide information security projects | Multiple Ohio Locations (2000–2017)
Network, Automation, Virtualization, Systems, & Security Engineering Roles |

ACS Defense – Wright-Patterson AFB

- Top Secret clearance, first Cisco CCNA on base, led Air Force Sidewinder firewall rollout and many other initiatives for MAN/LAN/WAN

Dayton, OH (1997–1999)

Sr. Systems Engineer

EDS, Freudenberg Spunweb Co.

- Programming, data center operations, network migrations, network security engineering and other projects

RTP, NC (1991-1997)

Network Engineer roles

Education & Certifications

- **MSc Information Assurance w/Honors** – Norwich University (2007)
- **BSc Computer Information Systems w/Honors** – DeVry University (1991)
- Active: Security+, ITILv3, VCP5, CCNP Enterprise
- Former: CISSP, CISA, CISM, CCDP, CCSE