Richard L Holbert ◇ (614) 582-7891 ◇ 1254 Bensbrooke Dr, Wesley Chapel, FL 33543

Summary

Senior Systems & Cyber Security Engineer with 30+ years leading infrastructure automation, vulnerability management, and secure Linux environments in finance and government. Recognized Ansible/Python expert, open-source contributor, and automation and documentation as code evangelist.

Education

B.S. in Engineering, **United States Air Force Academy**, Colorado Springs, CO
Additional Coursework: Cryptography, Software Engineering, Data Structures, Computational Linguistics.

Core Technical Skills

- **DevOps & Automation**: Ansible (SME), Puppet, GitHub, Bitbucket, Jira, Kanban, Scrum
- **Languages**: Python, Bash, Java, C/C++, Ada, PHP, ALGOL, FORTRAN
- **Assembly**: x86_64, SPARC, MIPS, Z80, 6502
- **OS**: Linux (RHEL, Debian, etc.), FreeBSD, Solaris, VMS, Windows
- **Protocols & Services**: DNS, LDAP, SSH, GEMINI, HTTP, HTTPS, SMTP, POP, IMAP, etc.
- **Tools**: LaTeX, Markdown, AsciiDoc, Pandoc, Typst, Mermaid, Graphviz, PlantUML, etc.

Professional Experience

Infrastructure Engineer III ◇ **JPMorgan Chase** ◇ Tampa, FL ◇ Apr 2025 – Present
- Reimplemented Maxthink PERM Decision Tree Builder in Python
- Mentored team on Documentation-as-Code and advanced Ansible practices
- Supported critical financial infrastructure

Cyber Security Engineer III ◇ **JPMorgan Chase** ◇ Columbus, OH ◇ Sep 2018 – Mar 2025
- Developed enterprise-wide Ansible playbooks and roles as recognized subject-matter expert, automating security-agent deployments
- Managed Tenable Nessus vulnerability program across millions of assets
- Contributed Markdown → FreeMind converter to open-source text-to-freemind project
- Earned firm-wide AutoM8 Champion Badge for automation leadership

Linux System Manager ◇ **The Ohio State University** ◇ Columbus, OH ◇ Mar 2001 – Aug 2018
- Administered 100+ Linux servers (Oracle, Tomcat, Apache, Zimbra Mail Server)
- Automated NIST/CIS security hardening with Puppet and Ansible
- Wrote Python tools to migrate 100,000+ email accounts to IMAP
- Provided Linux support for U.S. Census Bureau and Bureau of Labor Statistics national surveys

Lead Unix System Administrator ◇ **TEAM America Inc.** ◇ Columbus, OH ◇ Oct 1998 – Mar 2001
- Migrated corporate Windows web stack to Linux/Apache, cutting costs and boosting performance
- Implemented multi-zone BIND DNS and dynamic PHP/Oracle web sites

Assistant Manager, Network Operations ◇ **Ameritech Cellular** ◇ Columbus, OH ◇ Jul 1997 – Oct 1998
- Led analog-to-CDMA network upgrade while maintaining 25+ legacy cell sites

Staff Engineer ◇ **International Consultants, Inc. (ICI)** ◇ Dayton, OH ◇ Jan 1997 – Jul 1997
- Designed hypertext decision-support system for Air Force hazardous-chemical tracking
- Replaced Analytical Hierarchy Process (AHP) with decision-tree model, eliminating matrix math

Staff Engineer ◇ **Aeronautical Radio, Inc. (ARINC)** ◇ Dayton, OH ◇ Jan 1995 – Nov 1996
- Served as corporate RSA/PKI subject-matter expert
- Developed GPS vehicle-tracking and differential-correction systems

Embedded Software Engineer ◇ **HQ AFMC** ◇ Wright-Patterson AFB, OH ◇ Feb 1983 – Dec 1994
- Chaired Joint Logistics Commanders Software Engineering Education Working Group
- Represented Air Force on IEEE POSIX standards committee
- Identified critical flight-handling deficiency in T-46 Trainer (confirmed by USAF test pilots)

Projects and Publications

- "pyPERM-DecisionTree Decision Tree Builder," Open-Source Project (Apr 2025)
- "Configuring Perdition Mail Proxy Using an Existing LDAP Server," (May 2003)
- "Using PERM Decision Tree Builder," O'Reilly Open-Source Software Convention (Jul 2001)