RYAN WATTS

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SUMMARY

A dynamic and highly certified Network Engineer, with a proven record of designing, implementing, and supporting secure, scalable, and highly available network solutions across healthcare, retail, and enterprise environments. Experienced in configuring and migrating diverse network infrastructures, using Cisco, Aruba, Juniper, and F5 technologies. Known for delivering root-cause analysis, performance optimization, and process improvement through a hands-on and client-focused approach. Strong communication and instructional skills developed through international teaching experience, combined with a master's in information and communication sciences, and committed to continuous learning and technical excellence with a broad portfolio of current industry certifications.

**Networking | Load-Balancer Configuration | Root-Cause Analysis | Troubleshooting | Technical Support
Consulting | Network Design and Implementation | Automation | Network Security
Process Improvement | Communication | Backup and Recovery**

TECHNICAL SKILLS

Cisco IOS, Aruba OS-CX, Juniper OS, F5 BIG-IP LTM, DNS, WAF, Linux, Windows, DHCP, DNS, TCP, IPv4/IPv6, Visio Diagramming, ping, traceroute, BGP, EIGRP, OSPF, Cisco Nexus, HSRP, VPN Technologies, Palo Alto, SolarWinds, Wireshark, tcpdump, nmap, VoIP, ServiceNow, Cloud Computing

PROJECTS

Orchestrated new branch office network implementation, using Aruba OS-CX switches, VSX, and Palo Alto to create a highly available, scalable, and secure network.

Successfully migrated legacy Cisco switches to new Aruba switches for 40 grocery store locations.

EXPERIENCE

CDW, Vernon Hills, Illinois
Consulting Engineer, 2022-2025

Performed Cisco, Aruba, Meraki, Juniper, and F5 BIG-IP configuration, VoIP implementation, network upgrades, access point installations, troubleshooting, asset inventory, and documentation for hospitals, medical clinics, retail stores, and other enterprises.

- Engaged with clients to discover, design, implement, and document a high-availability infrastructure to ensure maximum network uptime for business needs.
- Implemented network equipment and cables, using patch matrices, labeling, and tracing, allowing for future growth and easier troubleshooting.
- Collaborated cross-functionally to troubleshoot issues to achieve optimal network performance.

Alcanta International College, Guangzhou, China
ESL Teacher, 2017-2020

Taught English as a second language to students ages 12 to 21, as well as a preparatory course for the University of New South Wales.

- Ensured students acquired the necessary skills for further study at Australian universities.

- Improved students' English proficiency in four key areas: listening, speaking, reading, and writing.

EDUCATION

BALL STATE UNIVERSITY, Muncie, Indiana
Master of Science, Information and Communication Sciences

MICHIGAN STATE UNIVERSITY, East Lansing, Michigan
Bachelor of Arts, English

CERTIFICATIONS

Cisco Certified Specialist Network Security Firepower, November 2025
Microsoft Azure AI Fundamentals, September 2025
F5 Certified Technology Specialist, BIG-IP ASM, August 2025
F5 Certified Technology Specialist, BIG-IP DNS, July 2025
F5 Certified Administrator, BIG-IP, November 2024
Aruba Certified Switching Associate, September 2024
Aruba Certified Professional, Campus Access, July 2024
Juniper Junos Specialist Routing and Switching, January 2024
Cisco Certified DevNet Associate, September 2023
Cisco Certified Specialist Enterprise Design, July 2023
Cisco Certified Specialist Enterprise Wireless Design, December 2022
Cisco Certified Specialist Enterprise Wireless Implementation, October 2022
Cisco Certified Specialist Enterprise Advanced Infrastructure Implementation, August 2022
Cisco Certified Network Professional (CCNP) Enterprise, August 2022
Cisco Certified Network Associate (CCNA), August 2021