David Thompson

Industrial network engineer with 8+ years of experience in **designing and maintaining mission-critical networks for manufacturing, oil & gas, and power plants**. Expert in **real-time Ethernet protocols, SCADA networks, and OT (Operational Technology) security**.

CONTACT

📞 (123) 456-7890

✉ email@example.com

LinkedIn | Portfolio

Houston, TX

EDUCATION

Bachelor of Science in Industrial Engineering
Texas A&M University

KEY SKILLS

- Industrial Ethernet (Profinet, Modbus TCP, EtherNet/IP)
- SCADA and ICS network security
- VLAN and segmentation strategies
- Wireless networking in industrial environments
- Firewall and intrusion prevention systems

PROFESSIONAL EXPERIENCE

Industrial Network Engineer | April 2017 - Present
EnergyTech Solutions, Houston, TX

- Designed and deployed **redundant network architectures** for oil refineries, reducing unplanned downtime by **45%**
- Implemented **secure remote access solutions for SCADA systems**, improving operator efficiency while maintaining compliance
- Optimized **industrial Wi-Fi connectivity** for manufacturing facilities, reducing packet loss by **20%**
- Led a team in deploying **firewalls and intrusion prevention systems**, mitigating cybersecurity threats

Network Technician – Industrial Systems | May 2015 - March 2017
Process Automation Inc., Houston, TX

- Configured and maintained **Modbus and EtherNet/IP networks** for industrial automation systems
- Assisted in **segregating IT and OT networks**, reducing cyber risk exposure by **35%**
- Conducted **network performance testing and diagnostics**, ensuring seamless SCADA operations

CERTIFICATIONS

- Certified SCADA Security Architect (CSSA)
- Cisco Industrial Networking Specialist (CINS)