

Roland I








Connectivity Engineer | Network Reliability Specialist





Professional Overview

Network infrastructure expert dedicated to designing fault-tolerant connectivity solutions for distributed enterprises. Specializes in building always-on networks that keep businesses connected across locations, clouds, and mobile workforces.



Core Responsibilities

- ✓  WAN Optimization - Maximizing throughput for inter-branch communications
- ✓  Secure Tunneling - Configuring site-to-site and remote-access VPN solutions
- ✓  Failover Systems - Implementing automatic redundancy for critical connections
- ✓  Performance Monitoring - Proactively identifying and resolving bottlenecks
- ✓  ISP Coordination - Managing carrier relationships for SLA compliance

Business Impact

- ◇  24/7 Operations - Maintaining 99.95% uptime for revenue-critical systems
- ◇  Distributed Workforce - Enabling seamless connectivity for remote teams
- ◇  Scalable Growth - Designing networks that expand with business needs
- ◇  Security Integration - Embedding Zero Trust principles in connectivity solutions

Technical Mastery

-  Routing Protocols: BGP, OSPF, EIGRP
-  VPN Technologies: IPSec, SSL, WireGuard
-  Failover Systems: SD-WAN, LTE Backup, Dual ISP
-  Hardware: Cisco ISR, FortiGate, Meraki MX
-  Monitoring: SolarWinds NPM, PRTG, ThousandEyes

Performance Highlights

- Reduced branch connectivity incidents by 68% through proactive optimization
- Cut VPN-related helpdesk tickets by 75% with improved configuration templates
- Achieved 45-second failover during ISP outages through SD-WAN implementation

Engineering Philosophy

"Connectivity should be invisible - until it's not there. My solutions make sure nobody notices the network... because it always works."

