

NICHOLAS J. RUSSO

Network Engineer/Architect

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Aberdeen, Maryland USA

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@nickrusso42518



EXPERIENCE

Principal Architect

Cisco Systems

2016 - Present Aberdeen, MD USA

<https://www.cisco.com>

- Currently: exploring GenAI with CI/CD pipelines for network migrations
- Designed, deployed, and documented a global MPLS network between ~150 sites, providing seamless military communications worldwide
- Developed a comprehensive network automation solution for said MPLS network, including continuous integration (CI) testing pipelines
- Rapidly prototyped and productized a temporary field hospital solution for municipalities in response to the COVID-19 pandemic
- Led the US Public Sector DevNet Technology Enablement effort involving training, coaching, co-delivery, technical review, and results tracking
- Helped shape and grow new Automation Core Team line of business
- Remain a change agent for DevOps/Lean operating processes
- Served as cohort mentor in Cisco's Consulting Development Program
- Awarded the exclusive George Hansen Leadership Award in 2018

Network Engineer

Netorian LLC (US Army)

2013 - 2016 Aberdeen, MD USA

<https://www.netorian.com>

- Implemented a scalable and unified Quality of Service (QoS) policy for the tactical US Army, merging three separate designs into one
- Designed and modeled a converged transport network to reduce infrastructure; personnel, equipment, and bandwidth cost savings
- Supported US Army's response to the Ebola virus outbreak (2014) via rapid deployment of new networks in support of humanitarian relief operations
- Authored and published Quick Reference Guides for soldier reference

Network Systems Engineer

Harris RF Communications

2012 - 2013 Rochester, NY USA

<https://www.l3harris.com>

- Provided on-site engineering expertise for three Network Integration Evaluations (NIE) as part of the US Army's experimental acquisition process
- Developed advanced technical documentation on AN/PRC-117G networking features such as SNMP, NAT, and multi-gateway dynamic routing

Battalion Communications Officer

United States Marine Corps (USMC)

2008 - 2012 Camp Lejeune, NC USA

<https://www.marines.mil>

- Commanded a Communications Platoon of 65 Marines, accountable for more than \$21 million in assets: radios, network equipment, vehicles, tools, etc.
- Served on the Battalion's primary staff as the lead communications advisor
- Supported operations in Haiti (2010) and Afghanistan (2011)
- Awarded the Navy Commendation Medal for outstanding service
- Awarded the Lieutenant Colonel Kevin M. Shea Memorial Unit Award for commanding the USMC's "Best Communications Unit" in 2011

EDUCATION

BS Computer Science

Rochester Institute of Technology (RIT)

2004 - 2008 Rochester, NY USA

<https://www.rit.edu>

- Graduated with Honors
- Minor in International Relations

GPA

3.51 / 4.0

TOP CERTIFICATIONS



CCDE #20160041

Experienced business-driven designer



CCIEEx2 #42518 (EI and SP)

Large-scale networking technical expert



Cisco DevNet Professional

Specialties: ENT, SP, DC, DevOps, Security

DIVERSE SKILLS

IP and MPLS Networking

Network Automation and DevOps

Virtualization and Cloud

Linux System Administration

Educational Content Creation

Multivendor API Integration

Technical Writing and Public Speaking

Business Strategy and Operations

Mandarin Chinese - 简体中文/普通话

MORE ABOUT ME



US Govt TOP SECRET Clearance

Activated as needed since 2011



Professional Author

[O'Reilly](#), [Pluralsight](#), and [Leanpub](#)



Community Builder

Free books, blogs, whitepapers, podcasts, [Postman](#) collections, open-source software tools on [GitHub](#), [YouTube](#) training videos and conference talks, certification study guides, and other technical resources



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