

CODY TOMBLIN

Network Engineer

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Experienced IT professional and longtime Bitcoin advocate, eager to contribute to the Bitcoin ecosystem. Navy veteran with extensive experience in large-scale networks adept in network administration, managing complex installations, troubleshooting, and global-scale network planning & design. Effective communication honed while leading network engineering and software teams at Google. Skilled in network engineering (layers 0-3), project management, leadership, network automation, and software solutions.

CAREER TIMELINE

2023

Staff Network Engineer / Network Planning & Design

Google [07-23]

I began my journey with Google as a dedicated network engineer, specializing in the design, installation, troubleshooting, and augmentation of routers and optical network devices. My role evolved to include a focus on network capacity management (planning and design) and fast-paced growth. I promoted to the role of Senior Network Engineer where I took the initiative to establish a dedicated optical transport network design team that operated as an integral part of the overarching networking team.

2021

Guiding this team, which grew to 15 optical engineers, I championed a culture of growth and collaboration, fostering an environment where each member thrived, stretching their technical capabilities. During this tenure, I was promoted again to Staff Network Engineer where I undertook the creation of innovative software tools, which were essential for the design, management, and seamless upkeep of an expansive global optical network. This network housed a staggering 20,000+ devices and capacity grew to become multi-petabyte.

2019

My leadership roles enriched my cross-functional communication and mentoring skills as I led software development teams and collaborated on complex multi-year projects. Notably, I emerged as a pivotal contributor and thought leader in the evolution of global network capacity planning and design, specifically for Google's global B2 (customer facing) and B4 (inter-data center) networks.

2017

In addition to my networking contributions, I drove the creation of novel solutions in network design automation, requiring a foundational understanding of software development. I also delivered insightful talks on optical network deployment, testing, and optimization.

2015

During my years at Google, my focus was largely on building, scaling, and growing large-scale networks. My work at Google showcased my ability to drive innovation using hardware and software in high-growth, complex networking environments. I delivered both technical solutions as well as leadership while evolving Google's network from a few 10G WAN circuits in North America to become a 2P+ global reach network while reducing complexity and injecting automation and process simplification.

2011

Optical Transport Engineer

Cox Communications / Sudden Link [01-07]

2009

I began in 2001 diagnosing HFC signal issues as an Outside Plant Line Technician. Advancing, I became a network technician solving layer 1-3 network issues in the field, later managing the same team of 10+ network technicians. I later promoted to lead the Project Management Office where I led many successful projects for external businesses' network solutions. Finally, I moved into an Optical Transport Engineer role where I designed, implemented and troubleshoot regional-scale DWDM.

2007

Information Technology E5

United States Navy [97-01]

2001

In my role, I effectively managed intricate shipboard network systems, with a specialization in ensuring secure communications. Leading an IT team, I successfully maintained shipboard systems while maintaining a top-secret security clearance.

1999

1997



SUMMARY

- Bitcoin Enthusiast
- U.S. Navy Veteran
- Technical Thought Leader
- Global-Scale Network Design
- Hardware & Software Development

EDUCATION

B.S. in Information Systems 90%

University of Phoenix

Information Systems Administration

Systems and Network Admin
United States Navy

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

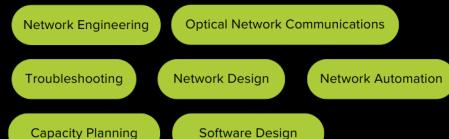
Cisco Certified Network Professional (CCNP)

CompTIA A+

Fiber Optic Technician Certification

SKILLS

TECHNICAL



LEADERSHIP & COMMUNICATION

