

# 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.  
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.  
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.  
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.
- 2017 **Optical Transport Engineer**  
**Cox Communications / Sudden Link [01-07]**  
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 troubleshot regional-scale DWDM.
- 2001 **Information Technology E5**  
**United States Navy [97-01]**  
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.



## 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

- Network Engineering
- Optical Network Communications
- Troubleshooting
- Network Design
- Network Automation
- Capacity Planning
- Software Design

### LEADERSHIP & COMMUNICATION

- Public Speaking
- Interpersonal
- Clear documentation
- Mentorship
- Team Leadership
- Project Management
- Process Engineering