

Zachary Puls

316-789-3409 | zach@zachpuls.com | github.com/ZacharyPuls

Network Engineer with 7+ years of relevant experience. Cisco and MEF Certified. Proficient in networking, programming/network automation, embedded systems and PLCs, and web development. Passionate about networking and software development.

SKILLS

Cisco IOS/IOS-XE/IOS-XR, BGP Policy Design/Service Architecture, Cisco ONS/NCS Optical Platforms, DWDM ROADM, Optical Amplification, EoMPLS/AToM/L2VPN/L3VPN, Network Automation

PROFESSIONAL EXPERIENCE

KsFiberNet | Wichita, KS 2021 – Present

Network Engineer III

- Lead team of 5 Network Engineers, provide senior level support, handle escalations
- Support strategic network construction projects in a design/architecture capacity
- Design the architecture for a DWDM underlay and IP/MPLS overlay that spans five states

KsFiberNet | Wichita, KS 2019 – 2021

Network Engineer II

- Designed, managed, and improved network infrastructure that spans five states
- Built a network that achieves high reliability, state-of-the-art monitoring, automated provisioning and management, and extremely swift incident response
- Mentored and trained junior engineers to develop their skills to operate in a carrier environment
- Created standards and technical documentation for consumption and consideration by the team

KsFiberNet | Wichita, KS 2017 – 2019

Network Engineer

- Built Layer 2 circuits across a large service provider infrastructure using EoMPLS L2VPN (AToM)
- Worked with Cisco DWDM platforms to build 10G/100G transport across Kansas
- Configured DIA circuits, building BGP peering sessions with customers, peers, and transit providers, managing import/export policies
- Standardized routing policies across the provider network, building up peering policies, filtering bogons, standardizing communities, and turning up new upstream IP transit providers
- Managed a 1000+ node ASR/CPT/ONS/NCS infrastructure that spanned across multiple states
- Developed software that automatically deployed circuits, and managed the configuration on each router

Net-Ability, LLC | Wichita, KS 2016 – 2017

Network Consultant

- Consulted with clients on improving and maintaining their network posture through regular assessment and gradual progression
- Developed a monitoring solution that allowed continual ROI improvement for managed services, along with better response time and overall visibility, combining software developing and networking expertise
- Served as the main point of contact for all Cisco IOS and general networking issues, and configuration planning for greenfield deployments

Aero-Mach Labs, Inc. | Wichita, KS 2015 – 2016

Software Developer

- Developed web apps in HTML5/CSS3/JS with a Java backend, hosted using AWS
- Designed and developed a door controller and security management system that interfaces with human resource systems

CERTIFICATIONS

Cisco Systems: Cisco CCNA, **Metro Ethernet Forum:** Carrier Ethernet Certified Professional

EDUCATION

Butler County Community College, *Software Engineering*, 2015- 2017