



JOB TITLE:

Layer 2 Architect

SUMMARY:

As a Layer 2 Architect for Zayo, your job will be to ensure the future direction and evolution of the Zayo production Ethernet network. You will be faced with both scaling the network and providing additional features necessary for the variety of Zayo applications and services our customers demand.

DUTIES AND RESPONSIBILITIES:

- Take responsibility for the analysis, definition, and continued development of the end-to-end Layer 2 Architecture for Zayo
- Work with other team members and groups to develop scalable network designs, solutions and policy recommendations
- Analyze and drive key platform decisions and directions, provide guidance to platform and network engineering groups
- Support Zayo's internal product group by identifying and presenting their network-impacting requirements to the network engineering team
- Support and lead development of Zayo's growing network infrastructure through published Architecture design docs
- Provide technical guidance for Tier 2 and Tier 3 support teams
- Promote Zayo's Ethernet product development.
- Conduct extensive lab testing of potentially new architectures and platforms.

QUALIFICATION REQUIREMENTS:

- Bachelor's degree from four-year College or university
- Preferred Certification – CCIE or demonstrated skill equivalent
- 7 years of experience on a service provider network in engineering, architecture or design roles
- Deep and substantial operational experience with carrier-class routers and switches and optical gear (experience with ALU, Cisco or Juniper required)
- Experience with Fuji, Infinera, Cisco or other optical platforms
- Experience with Standards Development Organizations such as MEF, IEEE, ITU, IETF, ISO, etc.
- Excellent knowledge of the Ethernet, QOS, MPLS/VPLS, VLANs, REP, G.8031, G.8032, STP, OAM, CFM, Y.1731, IS-IS, OSPF, EIGRP, BGP and SNMP protocols
- Experience building Layer 2 networks in both metro and long haul applications. Experience modeling financial impacts of decisions
- Experience with vendor negotiations
- Experience with shell scripting and EMS/NMS implementation
- Strong written and oral communications skills with the ability to influence others with your engineering solutions

Zayo Bandwidth is an Affirmative Action/Equal Opportunity Employer (M/F/D/V).

To apply: Please submit your resume to: Jobs@Zayo.com