



JOB TITLE:

IP Architect

SUMMARY:

As an IP Architect for Zayo, your job will be to ensure the future direction and evolution of the Zayo production IP network. The Zayo network operates at large scale while providing reliable service to Internet users throughout the nation. The scale and complexity of Zayo's network generates a constant stream of interesting challenges which are solved by using an evolving set of technologies that require innovation in every aspect of networking. 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 IP 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

QUALIFICATION REQUIREMENTS:

- Bachelor's degree from four-year College or university
- 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 ADVA, Infinera or other optical platforms
- Experience with Standards Development Organizations such as IETF, IEEE, and ITU-T
- Excellent knowledge of TCP/IP, ISIS, IPsec, BGP, PPP, OSPF, RSVP, and SNMP protocols
- Superior technology skills in all of Packet Forwarding Architectures, FIB scaling, MPLS and large scale routing and IPoDWDM
- Familiarity with working with ARIN and IP resource concerns; including IPv4 and IPv6
- Experience building IP networks and modeling financial impacts of decisions
- Experience with vendor negotiations
- Strong written and oral communications skills with the ability to influence others with your engineering solutions

To apply: Please submit your resume to: max.clauson@zayo.com