
Position: Systems Engineer**Type:** Full Time**Location:** Kingston, NY**Date Added:** March 14, 2023

Position Summary

The Systems Engineer is part of Archtop Fiber's Network Operations group and will support our Data Center Infrastructure needs. This position will work closely with the Manager Systems Operations and others in senior leadership in designing, developing, testing, maintaining, and evaluating Archtop's complex server systems and their interaction with our carrier-grade network. The Systems Engineer is responsible for the servers and network that run a large multi-terabit routing and access platform.

Responsibilities

- Participate in the design and assessment of information and operational support systems.
- Evaluate, build, integrate, test, and prepare servers for operational use and patches for rapid remediation of software related issues.
- Integrate and manage automation tools for commonly performed tasks.
- Design and deploy various servers (Windows and OpenSource) in virtualized hypervisor environments as well as standalone hardware servers.
- Configure network monitoring systems to automate alarm notification.
- Manage system hardware and projects related to implementation of new or upgrades of existing hardware.
- Perform troubleshooting and analysis of servers and associated systems.
- Ensure the highest levels of systems and infrastructure availability.
- Maintain security, backup, and redundancy strategies.
- Work with vendors and other IT personnel for problem resolution.
- Act as an ambassador and promoter of Archtop Fiber and Archtop's products. Ensure a positive Company image by working closely with trusted partners, external customers, community leaders, regulatory groups, and others.
- Other related tasks as assigned.

Qualifications

- “Can do” attitude and a desire to help others. Must foster a team environment approach and be willing to participate at all levels.
- 2 - 5+ years as a Systems Engineer in a service provider environment or large enterprise environment. Bachelor of Science degree in Engineering or Computer Science from an accredited college or university is preferred. Experience in network operations is a plus.
- 3+ years experience implementing, deploying, and maintaining standalone servers and virtualized servers with various hypervisors.
- Understands database architecture and familiarity with SQL.
- Create/Manage servers (Windows and Opensource) in VMWare virtualization environment utilizing VMWare VCenter.
- DevOps and automation experience including automation frameworks, deploy and build frameworks including Docker, Kubernetes, Jenkins, or similar tools.
- Working knowledge and experience with various networking standards and protocols such as OSPF, iBGP, Ethernet, VLAN tagging, spanning tree protocols, DNS, DHCP, NAT, CGN, HTTP, SIP, MGCP, RTP, QoS and others.
- The ability to work independently under minimal supervision – must be driven and be able to define work tasks based upon project goal and corporate objectives.
- Working knowledge and understanding of FTTH technologies.
- Experience with network monitoring and alarm notification systems such as SolarWinds.
- Must have strong communications skills – verbal and written.
- Demonstrated ability to thrive in a team environment. This includes the willingness and desire to share information, work collaboratively, and help others – both inside and outside of the Engineering & Technology group.

Compensation and Benefits

Competitive salary and benefits package

How to Apply

Interested applicants must submit a resume and cover letter (detailing how they meet our requirements and how this position aligns with their career goals) via email to career@archtopfiber.com.