

Job Title: Network Engineer

Company: Bertram Communications

Location: Random Lake, Wisconsin

Employment Type: Full-Time

About Us:

Bertram Communications is a leading Internet Service Provider committed to delivering high-speed internet services to our customers. We provide a full suite of internet connectivity solutions, including fiber to the home and internet over fixed wireless, ensuring reliable and high-speed connections for all our clients. We are dedicated to innovation, excellence, and providing top-notch connectivity. Join our team and help us shape the future of wireless and fiber internet services.

Job Description:

We are seeking a skilled and experienced Network Engineer to join our team. The ideal candidate will have extensive knowledge of Cambium and Ubiquiti equipment, along with a strong understanding of both licensed and unlicensed frequency bands. The candidate should also possess robust experience in routing and switching in Layer 2 (L2) and Layer 3 (L3) environments, particularly with Juniper and Mikrotik BGP and OSPF.

Key Responsibilities:

- Monitor and optimize network performance to ensure high availability and reliability.
- Manage and troubleshoot network issues related to both licensed and unlicensed frequency bands.
- Configure and manage routing and switching equipment in L2 and L3 networks, with a focus on Juniper and Mikrotik BGP and OSPF, and policy routing.
- Design and implement wireless point-to-point and point-to-multipoint solutions using Ubiquiti and Cambium gear.
- Build scopes of work and coordinate with site owners and landowners.
- Coordinate with field crews and climbers to ensure successful project execution.
- Share knowledge with support agents to enhance customer support capabilities.
- Collaborate with cross-functional teams to support network infrastructure projects and upgrades.
- Develop and maintain network documentation, including diagrams and technical specifications.
- Provide technical support and guidance to other team members and clients as needed.
- Maintain and set up monitoring systems for network equipment to ensure proactive issue resolution and optimal performance.
- Participate in an on-call rotation to provide after-hours support.
- Stay up-to-date with the latest industry trends and technologies to ensure the company remains at the forefront of wireless networking.

Qualifications:

- Proven experience with Cambium and Ubiquiti equipment.
- Strong knowledge of licensed and unlicensed frequency bands.
- Expertise in routing and switching in L2 and L3 environments, with specific experience in Juniper and Mikrotik BGP and OSPF, and policy routing.
- Experience in designing and implementing wireless point-to-point and point-to-multipoint solutions.
- Experience with VMware, Linux, and Windows operating systems.
- Excellent problem-solving and analytical skills.
- Strong communication and teamwork abilities.
- Relevant certifications (e.g., CCNA, JNCIA, CWNA) are a plus.

Education and Experience:

- High school diploma or GED required.
- Minimum of 3-5 years of experience in network engineering, preferably in a WISP environment.

What We Offer:

- Competitive salary and benefits package.
- Opportunities for professional growth and development.
- A dynamic and collaborative work environment.
- The chance to work with cutting-edge technology in the wireless networking industry.

How to Apply:

Interested candidates are invited to submit their resume and cover letter to employment@bertramcommunications.com with the subject line "Network Engineer Application - [Your Name]".

Bertram Communications is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.