



Job Description: Ethernet Backhaul Project Engineer

Summary: We are seeking a Project Engineer with extensive Routing and Switching experience and a solid background with a Service Provider or a large enterprise. The successful candidate will be selected for vendor training before starting the project. There will be exposure to a terabit routing platform and the XR operating system.

Education: BSEE with emphasis in telecom or equivalent, MSEE preferred

Certifications: Must have CCIP, CCDP, CCNP or, Juniper or ALU data networking equivalent certification; CCIE written exam desired; CCIE preferred.

Work Experience: Five plus years experience in a service provider or large enterprise environment is desired

Reports To: Client Project Manager and Glow Networks Operations Manager

Start: Immediate need, on or about August 30, 2010

Physical and/or Special Requirements: Candidate must have excellent analytical, communication, computer and time management skills.

Working Conditions: This position is based in Richardson, TX with customer site visits as required. A high travel load is not expected however, up to 50% domestic travel may be required at times. The candidate must be able to work with minimum supervision.

Responsibilities: (Described as essential functions of the job):

- o Expertise in routing and switching technology and terminology
- o Extensive knowledge of MPLS, BGP and OSPF
- o Ability to troubleshoot IP networks and physical connections
- o Proven customer facing field experience required
- o Expert level knowledge of the OSI Model and how it applies to telecommunications
- o Knowledge of transport network elements such as Cisco 6500, 7600, 12K, and CRS-1
- o Knowledge of OC 3 - 192 and T1 configuration and communication with DACS required
- o Ability to assist to develop MOP's for field engineers to follow
- o Ability to work independently
- o Travel required – 50% or greater if needed

Special Skills:

- Familiarity with mobile provider networks a plus
- **Familiarity with IOS-XR a big plus**
- Languages: College level English is required
- Certifications in Cisco or Juniper, and Alcatel required and current.
- Familiarity with the concept of legacy versus IP Backhaul in a wireless network
- Excellent interpersonal skills
- Organizational ability and time management skills

Intent and Function of Job Descriptions:

Job descriptions assist organizations in ensuring that the hiring process is fairly administered and that qualified employees are selected. They are also essential to an efficient appraisal system and related promotion, transfer, layoff and termination decisions. Well constructed job descriptions are an integral part of any effective compensation program.

All descriptions are reviewed to ensure that only the essential functions and basic duties have been included. Peripheral tasks, only incidentally related to each position, have been excluded. Requirements, skills and abilities included have been determined to be the minimal standard required to successfully perform the positions. In no instance, however, should the duties, responsibilities and requirements delineated be interpreted as all-inclusive. Additional functions and requirements may be assigned by supervisors as deemed appropriate.



In accordance with the Americans with Disabilities Act, it is possible that requirements may be modified to reasonably accommodate disabled individuals. However, no accommodations will be made which may pose a serious health or safety risk to the employee or others or which impose undue hardship on the organization.

Job descriptions are not intended as and do not create employment contracts. The organization maintains its status as an "at-will" employer. Employees can be terminated for any reason not prohibited by law.