

Senior Network Engineer — Reston, VA or Columbia, MD

Here at Vulnerability Research Labs we have spent more than a decade becoming a technical leader in cyber security. We became a technical leader in the field because we believe in our mission – to be at the forefront of cyber security and deliver unparalleled capabilities that solve our customer’s hardest problems. We offer the opportunity to work on diverse technologies with hard working developers in an interactive company with a flat organizational structure.

We’re currently seeking an experienced Senior Network Engineer for either of our Reston, VA or Columbia, MD offices to play a central role in transforming our IT operations environment. Along with the rest of the IT team, you will design, implement and manage our IT and development infrastructure. You will also be responsible for ensuring that we follow security best practices and procedures.

We are looking for:

A Senior Network Engineer that is a self starter, takes ownership, enjoys learning new technology and is able to:

- Design and implement IP networks including:
 - Routing
 - WLAN
 - DHCP/DNS
 - VLANs
 - MPLS
 - VPN (OpenVPN/IPSEC)
 - Firewalls (Host and Network)
- Monitor, maintain, and troubleshoot network hardware and software to ensure availability to all users
- Perform day-to-day network operations tasks
- Manage a vSphere ESXi deployment supporting a production environment
- Utilize the latest technology to automate processes wherever possible
- Analyze the impacts of all decisions including
 - Effects to engineers and end users
 - Continuity of operations
 - Required Logging and Reporting
 - Security Risk evaluation
- Install, upgrade, and administer a Linux server environment
- Monitor and regularly update the security posture of all IT networks
- Complete all parts of the IT Acquisition process including Requirements Analysis, Design, Purchase Negotiations, and Implementation
- Implement and manage an Asterisk PBX
- Document the network architecture and provide infrastructure and IT security information both internally and externally in both verbal and written formats

Our day-to-day at Vulnerability Research Labs:

- Work closely with highly technical staff to solve complex and interesting problems and look for ways to improve usability and security of IT networks
- Provide IT and security support
- Automate and improve IT processes
- Evaluate and provide input on open source and commercial solutions and products

Skills you will need and we will enhance:

- Extensive knowledge of and experience with LAN and WAN networking technology including configuration of physical equipment (Cisco IOS preferred)
- Thorough knowledge of IT practices including system security, change management, and performance measurement
- Detailed understanding of VMware virtualization
- Ability to seamlessly communicate with both local and remote employees
- Knowledge of IT security procedures and log auditing (SOC/CSOC)
- Ability to troubleshoot and resolve technical issues independently
- Experience with infrastructure automation tools such as Puppet, Chef, and/or Ansible
- Understanding of and experience with the deployment of container technologies such as Docker
- Experience with scripting languages such as python, bash, Node.js, etc
- Experience with Jira
- A customer-first mindset and willingness to understand and support business outcomes

Things we like best about VRL:

- Solving hard technical problems
- Dedicated time to learn, research, and engineer solutions with minimal distractions
- A strong focus on learning and career development including conference and training opportunities
- Individual offices equipped with employee driven choice of computers and equipment
- Fresh brewed coffee
- A well-stocked pantry with food and beverages
- Most of all: a technically challenging work place that takes care of its employees

VRL is proud to be an Equal Employment Opportunity employer and does not discriminate on the basis of race, religion, gender, national origin, color, age, military service eligibility or veteran status, disability, sexual orientation, marital status or any other protected class. We encourage and support workplace diversity.

Qualified candidates should send their resumes to: info@vrlsec.com.

We are unable to hire non-US citizens. Please, no third party firms.