



LineVision Inc.  
444 Somerville Ave  
Somerville, MA 02143 USA

LineVision Inc. is working to monitor, optimize, and protect the world's critical energy delivery infrastructure. We are an innovative technology company that works with electric power utilities around the world to unlock new intelligence from novel data sources, providing operators and engineers with new ways of measuring and understanding their critical infrastructure. Our unique sensor technology enables stakeholders with information and tools to turn static infrastructure into dynamic, optimized assets to reduce risks and plan for the future.

Through our non-contact overhead line monitoring sensors and cloud-based analytics, we open the door for new actionable insights into the real-time status and long-term health of energy delivery assets. LineVision monitors assets continuously to gain real-time situational awareness, anomaly detection, and asset health metrics that enable data-informed decisions. Our customers use LineVision's services to optimize regular maintenance, evaluate new capital investments, deal with the ever-changing power generation and load landscape, and build models to mitigate asset risks and aging.

## Position: Cloud Infrastructure Engineer

The Cloud Infrastructure Engineer will be an integral member of LineVision's technology team and will be responsible for scaling our secure cloud infrastructure to meet growing demand from customers around the world. In this role, you will manage our AWS-based compute, data storage, encryption, and network security resources, and will be expected to serve as a leader in cloud technology innovation and data security best-practices.

This is your opportunity to play a key role in building technological excellence into a company that is changing how utilities around the world operate an increasingly-connected electric power grid.

At LineVision, we value and benefit from the wide-ranging perspectives that come from a diverse and inclusive work environment. We encourage all qualified candidates to apply, particularly those from groups that are under-represented in the energy sector.

## Overview

**Reports to:** Chief Technology Officer

**Location:** Somerville, MA or Remote

**Time Zone:** LineVision operates primarily on US Eastern Time, GMT-5:00

**Employment Type:** Full Time

## Responsibilities

### Virtual Cloud Infrastructure, TechOps/DevOps

- Implement programmatic and responsive scaling of cloud infrastructure
- Monitor and keep pace with state-of-the-art cloud technologies
- Support and provision EC2 VMs and database instances
- Monitor, forecast, and optimize cloud expenses



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- Manage disaster recovery/response and backup strategy
- Configure monitoring and alerting on cloud infrastructure
- Manage global cloud resources across AWS regions (VPCs, Networks, etc.)
- Shape AWS user roles and security: AWS IAM / Security Groups
- Maintain VPN and Firewall infrastructure
- Manage code build, test, deploy and QA processes
- Oversee data replication, backup, and deployment for dev/test/prod environments
- Supervise cross-platform cloud and web services integrations (e.g., G-Suite, Azure, AWS, Confluence, Jira, Git, Basecamp, Trello, Salesforce)

### IT Security Leadership

- Implement and guide the evolution of LineVision's IT security policies in keeping with industry best practices
- Act as a technical leader for IT security discussions with clients/partners/investors
- Lead networking and security aspects of customer data integration efforts
- Drive third-party IT security certification strategy (e.g., ISO27001, SOC2)

### Requirements/Skills

The ideal candidate will be effortlessly familiar with:

- Amazon Web Services (AWS) VPC management (e.g., EC2, LightSail, Lambda, RDS, IAM, Security Groups, S3, API Gateway, CloudWatch)
- Automation of cloud resource allocation, scaling, and replication (e.g. AWS CLI, Infrastructure-as-Code)
- Data encryption and key management best practices
- Windows and Linux system administration skills
- Basic relational database (e.g., PostgreSQL) administration and operation
- IP networking operations and management (e.g., subnet allocation, local DNS, VPN, traffic and bandwidth management, SSH FTP, etc.)
- Security vulnerability monitoring and incident reporting
- Software development project- and people-management best practices
- Code build/test/deploy and version control best practices
- Lightweight remote support and collaboration tools: Confluence, Trello, TeamViewer, etc.

On a typical day a Cloud Infrastructure Engineer might:

- Sketch out a backup policy for infrastructure supporting a new product line
- Review and modify a daily report on cloud traffic, exceptions/alerts, and cost projections
- Help a developer intern find and edit internal documentation on our git best-practices



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- Build and test AWS-SDK-based code that automates EC2 or RDS instance creation or replication in a sanitized development environment
- Meet with junior developers in scrum to advise on a network security question involving the transfer of confidential client data
- Examine logs from a virtual server that saw a spike in average CPU loading
- Craft a permissions boundary for an external contractor who requires access to a limited subset of cloud resources
- Respond to an IT security auditor's request for documentation by email or phone

## Qualifications

- 4+ years of experience managing cloud and/or network infrastructure
- Fluent in English

LineVision Inc is an EEO/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability or any other legally protected status. For more information, visit <http://www.linevisioninc.com>

**To apply** send a resume and cover letter to [apply@linevisioninc.com](mailto:apply@linevisioninc.com).