

Motivation Letter — Enterprise Network Architecture Submission

Dear Cisco Hiring Team,

I hope this message finds you well.

My name is Imeda Sheriphadze, and I am an IT and software specialist with over two decades of experience in networking technologies, system architecture, and applied artificial intelligence solutions. I am writing to express my strong interest in contributing my expertise and professional dedication within the Cisco ecosystem.

Throughout my career, I have consistently focused on designing resilient, secure, and scalable infrastructures aligned with modern enterprise standards. As a demonstration of my capabilities, I recently completed the **AuroraShield Enterprise Network Architecture** project — a comprehensive multi-layer Cisco-based network designed and implemented to reflect real-world enterprise deployment practices.

This architecture incorporates:

- Hierarchical core/distribution/access design
- OSPF backbone routing with authentication
- VLAN segmentation and gateway redundancy
- Layer-2 attack mitigation mechanisms
- Control Plane Protection (CoPP)
- SNMPv3 monitoring and NetFlow telemetry
- AAA-secured management access
- Infrastructure-wide observability

A key strategic objective of this project was to engineer a fully operational enterprise environment **without reliance on Windows Server infrastructure**, utilizing native Cisco capabilities to deliver deterministic control, reduced

attack surface exposure, and enhanced architectural transparency. This objective was successfully achieved while maintaining high standards of security, reliability, and scalability.

I am highly motivated by Cisco's role as a global leader in network innovation and cybersecurity advancement. I view collaboration with Cisco not only as a professional opportunity but as a continuation of my lifelong commitment to technological excellence, continuous learning, and meaningful contribution to the networking community.

I would welcome the opportunity to further demonstrate my work, discuss my architectural approach, or contribute to initiatives aligned with Cisco's mission and values.

Thank you for your time and consideration.

Sincerely,

Imeda Sheriphadze

Enterprise Network Architect

IT & Software Specialist