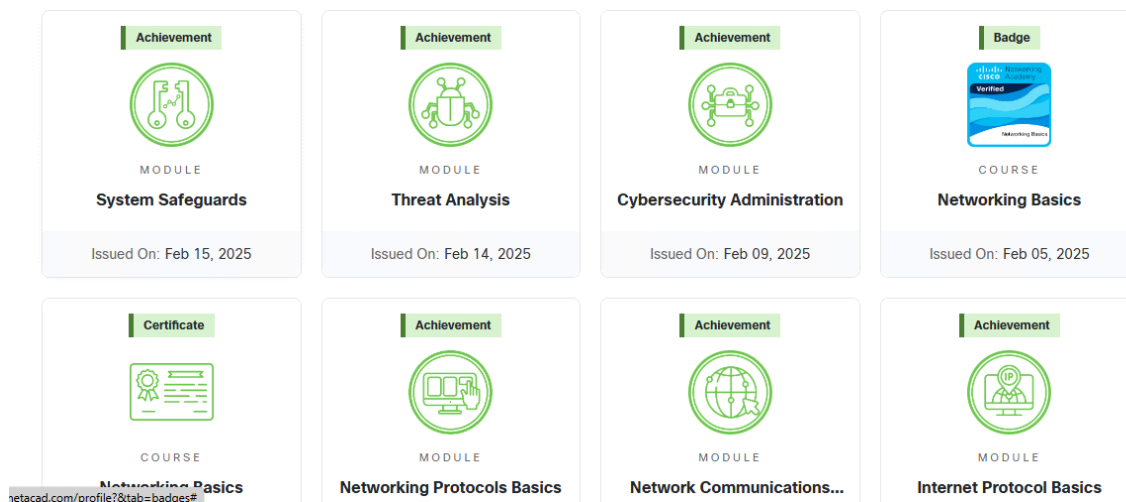


Learning Networking

I immersed myself in the basics of computer networking through two fantastic platforms: [Cisco Networking Academy](#) and [Try HackMe](#).

❖ From [Cisco Networking Academy](#), I built a solid theoretical foundation:

- I learned about the OSI and TCP/IP models and how data moves through each layer.
- I grasped core concepts like IP addressing, subnetting, and routing.
- I got familiar with essential network devices such as routers, switches, and access points.
- I discovered how to ensure network reliability and security.



❖ With [Try HackMe Network Fundamentals room](#), I was able to put these concepts into practice in simulated environments:

- I practiced packet analysis using Wireshark.
- I explored protocols like TCP, UDP, DNS, and ICMP.
- I understood the practical aspects of ping sweeps, traceroutes, and port scanning.
- I sharpened my skills in real-world network troubleshooting.

This blended learning approach really helped me grasp both the "how" and "why" behind network communication. This was part of my preparation to become a soc analyst.



Network Fundamentals

Learn the core concepts of how computers communicate with each other and types of network weaknesses.



What is Networking?

Begin learning the fundamentals of computer networking in this bite-sized and interactive module.



Intro to LAN

Learn about some of the technologies and designs that power private networks



OSI Model

Learn about the fundamental networking framework that determines the various stages in which data is handled across a network



Packets & Frames

Understand how data is divided into smaller pieces and transmitted across a network to another device



Extending Your Network

Learn about some of the technologies used to extend networks out onto the Internet and the motivations for this.