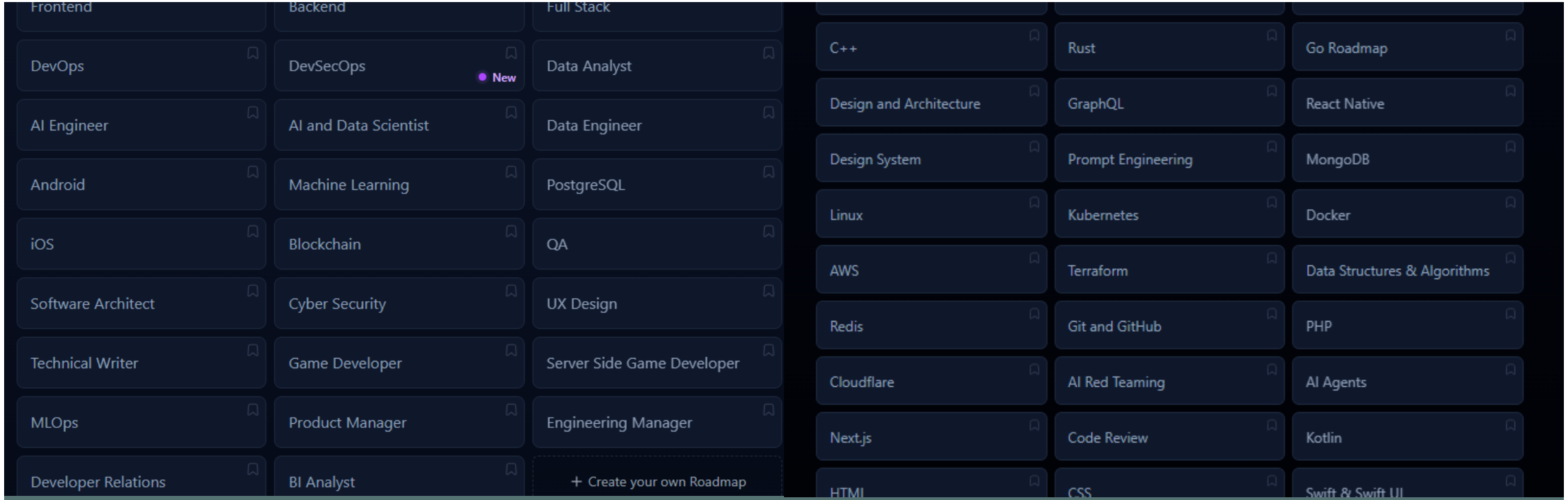
DEVELOPER ROADMAPS

For Security Analysts, Engineers and more.

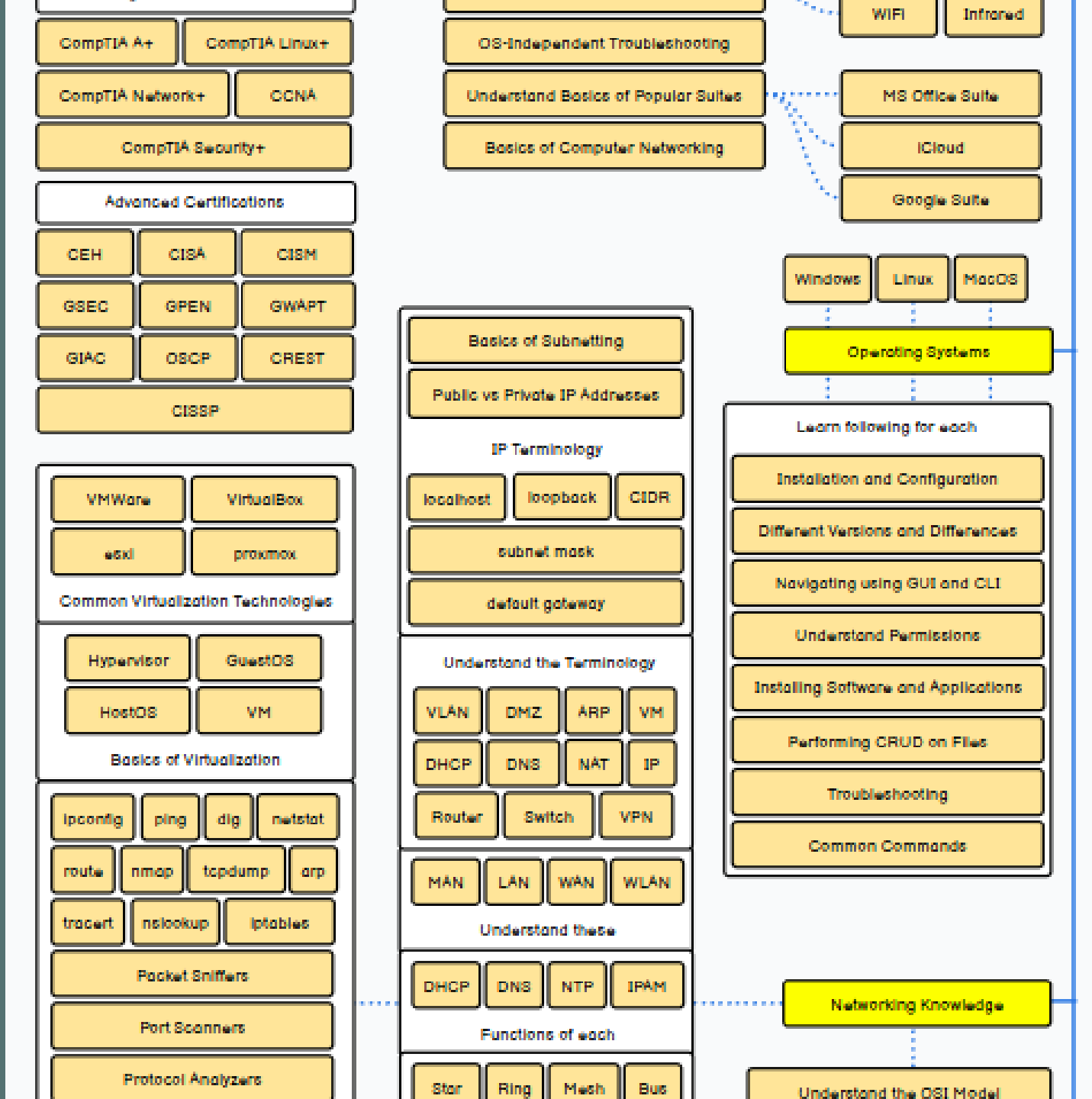
Https://roadmap.sh



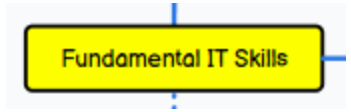
ROADMAP IS A WEBSITE FOR DEVELOPERS THAT GIVES YOU A BIG HELP WITH "WHAT TO DO NEXT?" QUESTIONS.
YOU CAN FIND FROM ROLE-BASED TO SKILL-BASED ROADMAPS AS YOU CAN SEE IN THE GIVEN IMAGES

THIS IS THE CYBERSECURITY ROADMAP THAT I AM INTERESTED IN. THE ROADMAP IS HUGE.
WHEN YOU GET INTO THE ROADMAP YOU CAN SEE AS FIRST PLACE SOME LEARNING CTF'S (CAPTURE THE FLAG).
MY PERSONAL OPINION, I'D CHOOSE **TRY HACK ME** AND **HACK THE BOX**.
FURTHER, YOU CAN SEE LOTS OF INDISPENSABLE INFORMATION FOR YOUR LEARNING PATH TO ENHANCE YOUR KNOWLEDGE AND ALSO, CERTIFICATIONS.

EVERY ROADMAP HAS THE SAME STRUCTURE SO, DON'T WORRY.



Here to show you, I picked the Fundamental IT Skills which is the first piece of information of this path, that means that It is very important basic knowledge that leads to the entire guide.
In first place, you can see some introduction and then a few interesting links.
Those links are crucial information about the path you had chose.
They bring you free courses and excellent articles of your interest, in this example, Fundamental information.



Fundamental IT Skills

Fundamental IT skills form the backbone of cybersecurity proficiency and encompass a broad range of technical knowledge. These skills include understanding computer hardware and software, networking concepts, and operating systems (particularly Windows and Linux). Proficiency in at least one programming language, such as Python or JavaScript, is increasingly important for automation and scripting tasks. Database management, including SQL, is crucial for handling and securing data. Knowledge of cloud computing platforms like AWS or Azure is becoming essential as organizations migrate to cloud environments. Familiarity with basic cybersecurity concepts such as encryption, access control, and common attack vectors provides a foundation for more advanced security work. Additionally, troubleshooting skills, the ability to interpret logs, and a basic understanding of web technologies are vital. These fundamental IT skills enable cybersecurity professionals to effectively protect systems, identify vulnerabilities, and respond to incidents in increasingly complex technological landscapes.

Free Resources

- Course Cisco Networking Academy: Introduction to Cybersecurity
- Article 8 In-Demand IT Skills to Boost Your Resume in 2025
- Article Top IT Skills in Demand
- Article IT Skills: Definition and Examples

Your personalized AI tutor

- Course Information Technology (IT) Fundamentals