

Daily Task

Thanks for the clarification! Based strictly on **your roadmap text**, here's a **detailed daily to-do list and checklist** designed to match the **phases, skills, resources, and tips**. This assumes you're committing **6–8 hours/day** to study and hands-on practice.

✅ Ethical Hacking Mastery: Daily To-Do List & Checklist (Based on Your Roadmap)



Phase 1: Foundation (Months 1–3)



Goal: Learn Linux, Networking, Python, and Cybersecurity Fundamentals



Daily Schedule

Time	Task	Resource	✓
2h	Practice Linux & Bash commands	OverTheWire: Bandit	<input type="checkbox"/>
1h	Study Networking basics (TCP/IP, DNS, HTTP)	Cisco Networking Basics	<input type="checkbox"/>
1h	Learn Python & build a simple tool	Python (freeCodeCamp)	<input type="checkbox"/>
1h	Cybersecurity theory & principles	Cybrary - Intro to Cybersecurity	<input type="checkbox"/>
1h–2h	Lab practice	TryHackMe - Intro to Cyber Security	<input type="checkbox"/>
—	Write daily notes/summary	Personal notes or blog	<input type="checkbox"/>



Weekly Checklist (Repeat Weekly for 12 Weeks)

☐ Complete 3–5 OverTheWire Bandit levels

- ☐ Watch 3+ lessons from Cisco Networking Basics
- ☐ Build 1 mini Python tool (e.g., port scanner)
- ☐ Finish 1–2 TryHackMe beginner rooms
- ☐ Take notes or make a blog post summary
- ☐ Practice Bash/terminal daily

Phase 2: Offensive Security (Months 4–6)

 *Goal: Learn real-world attacks & offensive tools*


Daily Schedule

Time	Task	Resource	✓
1.5h	Study web vulnerabilities (SQLi, XSS, SSRF)	OWASP Top 10 / HackTricks	<input type="checkbox"/>
1h	Network sniffing and reconnaissance	Wireshark / Nmap	<input type="checkbox"/>
2h	Lab practice (Exploitation)	TryHackMe: Web Fundamentals / HackTheBox	<input type="checkbox"/>
30m	Learn social engineering/OSINT tactics	Open-source tools & tutorials	<input type="checkbox"/>
1h	Write mock pentest reports	Markdown or Word	<input type="checkbox"/>

Weekly Checklist

- ☐ Finish 2 OWASP web attack labs
- ☐ Capture & analyze traffic with Wireshark
- ☐ Complete 1–2 HackTheBox boxes
- ☐ Document 1 full pentest report
- ☐ Study 1 phishing or OSINT case study

Phase 3: Malware & Cryptography (Months 7–10)

 *Goal: Understand malware dev, cryptography, evasion*

Daily Schedule

Time	Task	Resource	✓
1.5h	Study malware writing techniques	TryHackMe: Malware Analysis	<input type="checkbox"/>
1h	Cryptography study (RSA, AES, hashing)	Crypto101 Book	<input type="checkbox"/>
1h	Practice basic C/C++ or Assembly	Compiler/Editor	<input type="checkbox"/>
1h	Learn reverse engineering	Malware Unicorn RE101 / PDF Guide	<input type="checkbox"/>
1h–2h	Build and test malware in sandbox	Local lab (NEVER share)	<input type="checkbox"/>

Weekly Checklist

- ☐ Write a keylogger or RAT (for learning only)
- ☐ Reverse a sample malware file
- ☐ Study RSA and AES theory
- ☐ Practice writing in C/C++
- ☐ Finish 1 TryHackMe malware lab

Phase 4: Advanced Exploitation (Months 11–14)

 *Goal: Exploit dev, reverse engineering, fuzzing*


Daily Schedule

Time	Task	Resource	✓
1h	Reverse engineering (Ghidra, IDA Free)	Ghidra 101 / TryHackMe	<input type="checkbox"/>
2h	Study buffer overflows & shellcode	LiveOverflow / HackTheBox	<input type="checkbox"/>
1.5h	Practice binary exploitation	TryHackMe Exploit Dev rooms	<input type="checkbox"/>
1h	Study fuzzing techniques	Online tutorials / fuzzing tools	<input type="checkbox"/>

Weekly Checklist

- ☐ Exploit 1 buffer overflow box
- ☐ Reverse 1 binary using Ghidra
- ☐ Write basic shellcode
- ☐ Explore fuzzing with AFL or similar
- ☐ Document each step in notes or blog

Phase 5: Real-World Hacking & Bug Bounties (Months 15–18)

 Goal: Apply everything to real systems, bounties, and red teaming

17 Daily Schedule

Time	Task	Resource	✓
2h	Bug bounty hunting	HackerOne Hacking 101 / zseano roadmap	<input type="checkbox"/>
1h	OSINT + Recon automation	Amass, Subfinder	<input type="checkbox"/>
1h	C2 Framework research	Cobalt Strike alternatives	<input type="checkbox"/>
1h	Red team methodology	Blogs / YouTube / Reports	<input type="checkbox"/>

Time	Task	Resource	✓
1-2h	Report writing & real platform research	Bugcrowd, HackerOne	<input type="checkbox"/>

Weekly Checklist

- ☐ Submit 1 bug (or mock report)
- ☐ Automate recon on 1 domain
- ☐ Study 1 real-world red team report
- ☐ Watch 2 NahamSec videos
- ☐ Use GitHub to track tools/scripts

Optional Track: Hardware & IoT Hacking (Anytime, Parallel)

To-Do:

Task	Resource	✓
Learn Arduino/ESP32 basics	Hackster.io Projects	<input type="checkbox"/>
USB sniffing / Rubber Ducky scripts	Hak5 YouTube	<input type="checkbox"/>
Buy IoT device to practice on	Amazon/Second-hand	<input type="checkbox"/>
Test RFID/NFC hacking tools	Proxmark3 guides	<input type="checkbox"/>

Practice Platforms (Ongoing Throughout)

Platform	Focus Area	✓ Weekly
TryHackMe	Guided labs	<input type="checkbox"/>
Hack The Box	CTFs & Realistic Networks	<input type="checkbox"/>
VulnHub	Offline VMs	<input type="checkbox"/>
Root-Me	Challenges	<input type="checkbox"/>
PicoCTF	Beginner CTFs	<input type="checkbox"/>

Platform	Focus Area	✓ Weekly
CTFtime.org	Live CTF Events	<input type="checkbox"/>

Optional Certifications (After Month 18)

Cert	Focus	Cost	✓
OSCP	Real-world PenTesting	\$1599	<input type="checkbox"/>
eJPT	Beginner Pentest	~\$200	<input type="checkbox"/>
CEH	HR-Friendly	\$\$\$	<input type="checkbox"/>