# Technology Stack

In this project, we explored various cybersecurity tools to understand threats and solutions in the digital age:

* **Network Security:** Wireshark, Nmap, Snort
* **Penetration Testing:** Metasploit, Kali Linux, Burp Suite
* **Web Security:** OWASP ZAP, SQLmap, Nikto
* **Malware Analysis:** VirusTotal, Ghidra, Cuckoo Sandbox
* **Digital Forensics:** Autopsy, Volatility, The Sleuth Kit
* **Password Security:** John the Ripper, Hashcat, KeePass
* **Cloud Security & SIEM:** AWS Security Hub, Splunk, Wazuh
* **Encryption & Secure Communication:** OpenSSL, PGP, Tor