

# AADITYA VENGATACHALAPATHY

Completed 130 labs earning 3100 points.



## Activity Report

Date	Lab	Description	Points Earned
2024-03-21	Introduction to Networking: Ep.7 — Demonstrate Your Knowledge	Demonstrate an understanding of networking technology fundamentals	40
2024-03-21	Introduction to Networking: Ep.4 – Network Topologies	Recognize network topologies	40
2024-03-21	Introduction to Networking: Ep.3 — Network Hardware	Recognize the different types of hardware used for networks	40
2024-03-21	Introduction to Networking: Ep.2 – Types of Networks	Recall multiple types of networks and how they differ	20
2024-03-21	Introduction to Networking: Ep.1 — What is a Network?	Recognize networks and their components	40
2024-03-21	Introduction to Cryptography: What is Cryptography?	Recall the fundamentals of cryptography	40
2024-03-21	Linux CLI: Ep.1 – Introduction to the Linux Command Line Interface	Recall Linux command line fundamentals	40
2024-03-21	Introduction to Networking: Ep.5 — IP Addresses	Recognize an IP address	40
2024-03-21	Linux CLI: Ep. 2 – Getting Started with the Terminal	Be able to recall fundamental concepts of the Linux terminal	100
2024-03-21	Introduction to Networking: Ep.6 — Domain Name System	Summarize the fundamentals of the Domain Name System	40

## Activity Report Page 2 of 9

Date	Lab	Description	Points Earned
2024-03-21	Linux CLI: Ep. 3 – Moving Around	Have the ability to navigate through directories on the command line	100
2024-03-20	OWASP 2021: Ep.11 – Demonstrate Your Knowledge	Demonstrate your understanding of different categories in the 2021 OWASP Top 10	40
2024-03-20	OWASP API Security Top 10	Identify each of the vulnerabilities in OWASP's top 10 APIs	20
2024-03-20	Unicode	Recall how Unicode functions	40
2024-03-20	Base64 Encoding	Recall how Base64 encoding works	40
2024-03-20	ASCII	Recall how ASCII encoding functions	40
2024-03-20	OWASP 2021: Ep.10 – Server-Side Request Forgery	Summarize server-side request forgery and its relationship to the OWASP Top 10	20
2024-03-20	OWASP 2021: Ep.9 – Security Logging and Monitoring Failures	Summarize security logging and monitoring failures and their relationship to the OWASP Top 10	20
2024-03-20	OWASP 2021: Ep.8 – Software and Data Integrity Failures	Summarize software and data integrity failures and their relationship to the OWASP Top 10	20
2024-03-20	OWASP 2021: Ep.7 – Identification and Authentication Failures	Summarize identification and authentication failures and their relationship to the OWASP Top 10	20
2024-03-20	ZWASP Phishing Vulnerability in Office 365	Assemble URLs containing ZWSPs to obfuscate a malicious link	100
2024-03-20	Exfiltration Over Alternative Protocol	Practice identifying instances where data has been exfiltrated	100
2024-03-20	Parsing PST	Investigate email client files	200
2024-03-16	OWASP 2021: Ep.6 – Vulnerable and Outdated Components	Summarize the security misconfiguration and its relationship to the OWASP Top 10	20
2024-03-16	OWASP 2021: Ep.5 – Security Misconfiguration	Summarize security misconfiguration and its relationship to the OWASP Top 10	20

## Activity Report Page 3 of 9

Date	Lab	Description	Points Earned
2024-03-16	OWASP 2021: Ep.4 – Insecure Design	Summarize insecure design and its relationship to the OWASP Top 10 list	20
2024-03-16	OWASP 2021: Ep.3 – Injection	Advance your understanding of the OWASP Top 10	20
2024-03-16	OWASP 2021: Ep.2 – Cryptographic Failures	Summarize cryptographic failures and their relationship to the OWASP Top 10	20
2024-03-16	OWASP 2021: Ep.1 – Broken Access Control	Summarize broken access control and its relationship to the OWASP Top 10	20
2024-03-14	NIST 800-53: Ep.21 – Demonstrate your Knowledge	Demonstrate your understanding of NIST 800-53 and its purpose	40
2024-03-14	Tactics – Demonstrate your Knowledge	Demonstrate your understanding of tactics in the MITRE ATT&CK® framework	40
2024-03-14	NIST 800-53: Ep.20 – Supply Chain Risk Management	Recognize supply chain risk management controls	20
2024-03-14	NIST 800-53: Ep.19 – System and Information Integrity	Recognize system and information integrity controls and their purpose	40
2024-03-14	NIST 800-53: Ep.18 – System and Communications Protection	Recognize system and communications protection controls and their purpose	40
2024-03-14	NIST 800-53: Ep.17 – System and Services Acquisition	Recognize system and services acquisition controls	20
2024-03-14	NIST 800-53: Ep.16 – Risk Assessment	Recognize risk assessment controls	20
2024-03-14	NIST 800-53: Ep.15 – Personally Identifiable Information Processing and Transparency (PIIPT)	Recognize the PIIPT controls	40
2024-03-14	NIST 800-53: Ep.14 – Personnel Security	Recognize personnel security controls and their purpose	20
2024-03-14	NIST 800-53: Ep.13 – Program Management	Recognize program management controls and their purpose	20
2024-03-14	NIST 800-53: Ep.12 – Planning	Recognize planning controls and their purpose	20

## Activity Report Page 4 of 9

Date	Lab	Description	Points Earned
2024-03-14	NIST 800-53: Ep.11 – Physical and Environmental Protection	Recognize physical and environmental protection controls and their purpose	20
2024-03-14	NIST 800-53: Ep.10 – Media Protection	Recognize media protection controls and their purpose	20
2024-03-14	NIST 800-53: Ep.9 – Maintenance	Recognize maintenance controls and their purpose	20
2024-03-14	NIST 800-53: Ep.8 – Incident Response	Recognize incident response controls and their purpose	20
2024-03-14	NIST 800-53: Ep.7 – Identification and Authentication	Recognize identification and authentication controls and their purpose	20
2024-03-14	NIST 800-53: Ep.6 – Contingency Planning	Recognize contingency planning controls and their purpose	20
2024-03-14	NIST 800-53: Ep.5 – Configuration Management	Recognize configuration management controls and their purpose	20
2024-03-14	NIST 800-53: Ep.4 – Assessment, Authorization, and Monitoring	Recognize assessment, authorization, and monitoring controls and their purpose	20
2024-03-14	NIST 800-53: Ep.3 – Audit and Accountability	Recognize audit and accountability controls and their purpose	20
2024-03-14	NIST 800-53: Ep.2 – Awareness and Training	Recognize the purpose of awareness and training controls	20
2024-03-14	NIST 800-53: Ep.1 – Access Control	Recognize the NIST 800-53 Access Control family and its purpose	20
2024-03-14	NIST 800-53: Security and Privacy Controls for Information Systems and Organizations	Familiarize yourself with NIST 800-53 and its purpose	20
2024-03-14	Hexadecimal	Recall how hexadecimal functions	40
2024-03-14	What is Encoding?	Recall how encoding functions	40
2024-03-14	Introduction to the OWASP Top 10	Summarize the objectives of the OWASP	10

## Activity Report Page 5 of 9

Date	Lab	Description	Points Earned
2024-03-14	Tactics – Exfiltration	Recognize the purpose of the MITRE ATT&CK® Exfiltration tactic	20
2024-03-14	Tactics – Impact	Be able to explain the purpose of the MITRE ATT&CK® Impact tactic	20
2024-03-14	Tactics – Collection	Recognize the purpose of the MITRE ATT&CK® Collection tactic	20
2024-03-14	Tactics – Command and Control	Recognize the purpose of the MITRE ATT&CK® Command and Control tactic	20
2024-03-14	Tactics – Reconnaissance	Recognize the purpose of the MITRE ATT&CK® Reconnaissance tactic	20
2024-03-14	Tactics – Credential Access	Recognize the purpose of the MITRE ATT&CK® Credential Access tactic	20
2024-03-14	Tactics – Lateral Movement	Recognize the MITRE ATT&CK® Lateral Movement tactic and its purpose	20
2024-03-14	Tactics – Resource Development	Recognize the purpose of the MITRE ATT&CK® Resource Development tactic	20
2024-03-14	Tactics – Discovery	Recognize the purpose of the MITRE ATT&CK® Discovery tactic	20
2024-03-14	Tactics – Defense Evasion	Recognize the purpose of the MITRE ATT&CK® Defense Evasion tactic	20
2024-03-14	Tactics – Privilege Escalation	Recognize the purpose of the MITRE ATT&CK® Privilege Escalation tactic	20
2024-03-14	Tactics – Persistence	Recognize the purpose of the MITRE ATT&CK® Persistence tactic	20
2024-03-14	Tactics – Execution	Know the purpose of the MITRE ATT&CK® Execution tactic	20
2024-03-14	Tactics – Initial Access	Recognize the purpose of the MITRE ATT&CK® Initial Access tactic	20
2024-03-14	Introduction to MITRE ATT&CK®	Be familiar with the MITRE ATT&CK® framework and know how it's used	20

## Activity Report Page 6 of 9

Date	Lab	Description	Points Earned
2024-03-14	Binary	Recall how binary functions	40
2024-03-13	Data Privacy: Ep.3 – What About You?	Outline why data privacy is important	20
2024-03-13	Data Privacy: Ep.2 – Data Privacy Regulations	Summarize what data privacy regulations are	20
2024-03-13	Data Privacy: Ep.1 – Key Concepts	Explain the key concepts of data privacy	10
2024-03-13	Secure Fundamentals: The CIA Triad	Define confidentiality, integrity, and availability	20
2024-03-13	Secure Fundamentals: Attribution and Accountability	Recall the definitions of attribution and accountability	20
2024-03-13	Secure Fundamentals: Least Privileges	Be able to describe the principle of least privileges	10
2024-03-13	Secure Fundamentals: Defense in Depth	Describe the security concept of defense in depth	10
2024-03-13	Secure Fundamentals: Security Patching	Describe what a security patch is	10
2024-03-13	US Federal Cyber Law	Identify the main US federal laws that can be used to convict cyber criminals	10
2024-03-13	Secure Fundamentals: Authorization	Describe the security concept of authorization	10
2024-03-13	Secure Fundamentals: Authentication	Describe the security concept of authentication	10
2024-03-13	UK Cyber Law	Demonstrate an understanding of illegalities and breaches of law	40
2024-03-13	Rogue USB Devices	Recall how rogue USB devices can be used for malicious purposes	10
2024-03-13	Information Security	Recognize the importance of information security for individuals and organizations	10



## Activity Report Page 7 of 9

Date	Lab	Description	Points Earned
2024-03-13	Bugbusters	Demonstrate an understanding of bug bounties and the companies that offer them	40
2024-03-13	Ethical and Unethical Hacking	Demonstrate the ability to determine the ethical choices of hackers	40
2024-03-13	Burglary and Hacking	Demonstrate an understanding of how hacking can be similar to burglary	40
2024-03-13	Police Raid	Demonstrate an understanding of devices that would be confiscated in an investigation	40
2024-03-13	Who are the Hackers?	Recognize the different types of hackers	10
2024-03-13	Why Hackers Hack	Recognize some of the methods used by hackers	10
2024-03-13	Virtual Card Numbers	Identify the different types of virtual card numbers	10
2024-03-13	Fake News	Recognize the characteristics of fake news	10
2024-03-13	Security Champions	Underline what a security champion is and their purpose	10
2024-03-13	Keylogging	Recognize what keyloggers are	10
2024-03-13	Geolocation	Recognize the differences between device-based and server-based geolocation tracking	10
2024-03-13	Darknets	Recognize how darknets operate on the internet	10
2024-03-13	Cookies	Recognize how cookies are used by individuals and organizations	20
2024-03-13	Cyber Kill Chain	Recognize the purpose of the cyber kill chain	10
2024-02-12	Accidental and Malicious Data Leaks	Recognize the differences between accidental leaks and malicious leaks	10

## Activity Report Page 8 of 9

Date	Lab	Description	Points Earned
2024-02-12	Case Study: Covid-19 Cybercriminals	Identify the characteristics of Covid-19 phishing scams	10
2024-02-12	Identifying Ransomware	Recognize the tell-tale signs of ransomware	10
2024-02-12	Updates and Patches	Identify the differences between updates and patches	10
2024-02-12	Firewalls and VPNs	Recognize the benefits of firewalls and VPNs	10
2024-02-12	Passwords	Recognize how to protect yourself and your devices with strong passwords	10
2024-02-12	Antivirus	Identify the purpose of antivirus software and its main features	10
2024-02-12	Mobile Security Tips	Identify potential threats to mobile phone security	10
2024-02-12	Identity Theft	Recognize the ways to prevent identity theft and the warning signs to look out for	10
2024-02-12	Backups	Recognize the importance of backups	10
2024-02-12	Multi-Factor Authentication	Recall how multi-factor authentication works	10
2024-02-12	Safer Browsing	Recall how to protect yourself and your privacy as you browse the web	10
2024-02-12	Phishing Emails	Recognize the main characteristics of phishing emails	10
2024-02-12	Malware	Recognize the most common forms of malware and how they can affect you	10
2024-02-11	Incident Response in the Workplace	Recall the advantages of an incident response plan	10
2024-02-11	Guidance on Remote Working	Identify the risks associated with remote working	10



## Activity Report Page 9 of 9

Date	Lab	Description	Points Earned
2024-02-11	Security On The Go	Recognize the security risks of using devices when away from the office	10
2024-02-11	Personal Devices in the Workplace	Recognize the risks associated with using personal devices in the workplace	10
2024-02-11	The Importance of Information Security and Cybersecurity	Describe a simulated example of a breach and recall its emotional impact	10
2024-02-11	Privileged Access	Recall what privileged access is and why it's an attractive target for attackers	10
2024-02-11	Physical Security	Identify common physical security risks	10
2024-02-11	Privacy	Identify what privacy is and why it needs protecting	10
2024-02-11	Consequences and Impacts of Cyberattacks	Recognize the differences between the consequences and impacts of cyberattacks	10
2024-02-11	Why Information Security Is Everyone's Business	Recognize the importance of information security	10
2024-02-11	What Is Information Security?	Identify the workplace and personal security challenges that good information security practices help to solve	10
2024-02-11	History of Information Security	Recall some of the key moments for information security throughout history	10
2024-02-11	Disposal of Device Information	Recognize why secure device disposal is core to an organization's information management process	10
2024-02-11	Information Security and Cybersecurity Terminology	Recall some key information security and cybersecurity terms and phrases	10
2024-02-11	Information Security – Starting at the Beginning	Recall the difference between information security and cybersecurity	10
2024-02-11	Social Engineering	Describe different social engineering attack techniques and their impacts	10
2024-02-11	Shoulder Surfing	Recognize how shoulder surfing works and the various ways it can be employed	10

### About Immersive Labs

Immersive Labs is the world's first fully interactive, on-demand, and gamified cyber skills platform. Our technology delivers challenge-based assessments and upskilling exercises which are developed by cyber experts with access to the latest threat intelligence. Our unique approach engages users of every level, so all employees can be equipped with critical skills and practical experience in real time.