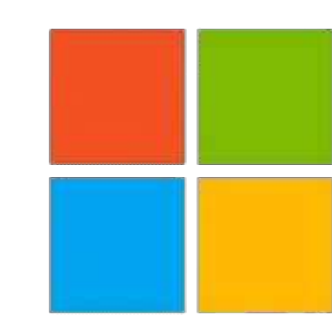


In Collaboration with



Microsoft



# Meritshot

## Professional Cybersecurity Mastery Program

---

Master Cybersecurity from Fundamentals  
to Advanced with Meritshot's 360° Career  
Support





# Table of Contents

- 1 The Future Belongs to Cyber-Ready Professionals
- 2 Build the Cybersecurity Skills That Industry Needs
- 3 Where can this take you?
- 4 Real stories, Real Impact
- 5 Industry-Vetted Curriculum
- 6 Hands-on Cyber Labs & Capstone Projects
- 7 Defining your Outcomes
- 8 The Meritshot Edge
- 9 Meet your Instructors
- 10 Sample Certificate
- 11 Your Next Steps



# The Future Belongs to Cyber-Ready Professionals

In today's digital-first world, cybersecurity is no longer optional: it's essential. From global enterprises to fast-growing startups, every organization is facing increasing threats from hackers, data breaches, and cyber warfare. This has created a massive demand for skilled cybersecurity professionals who can safeguard systems, detect vulnerabilities, and respond to real-world threats.

According to industry reports, the global cybersecurity workforce needs to grow by millions of professionals in the next few years to meet rising demand. Companies are actively seeking experts in SOC operations, Ethical Hacking, Cloud Security, Threat Intelligence, and Risk Management.

At Meritshot, we prepare you to be future-ready—not just learning concepts, but gaining the hands-on experience and certifications that make you stand out. Whether your goal is to become a SOC Analyst, Ethical Hacker, Cybersecurity Engineer, or Cloud Security Specialist, this program ensures you have the skills and confidence to thrive in one of the fastest-growing and highest-paying career paths today.





# Build the Cybersecurity Skills That Industry Needs

Meritshot aims to build India's most job-ready cybersecurity professionals with a curriculum crafted to match the latest industry threats and technologies. We bridge the gap between where you are today and the highly skilled security experts top companies need. Our Cybersecurity-first curriculum is designed to prepare you for roles in SOC, Ethical Hacking, Cloud Security, and Threat Intelligence so you're ready for the frontline of digital defense.

## Why Choose Meritshot?



### Cybersecurity-First Curriculum

Program designed specifically to prepare learners for SOC Analyst, Security Engineer, Ethical Hacker, and Cloud Security roles.



### Real-World Cyber Labs & Simulations

Hands-on labs with tools like Wireshark, Splunk, Burp Suite, Kali Linux, and Metasploit to simulate real-world attack and defense scenarios.



### Product & Enterprise Security Prep

Training focused on incident response, penetration testing, system hardening, and cloud security to match enterprise standards



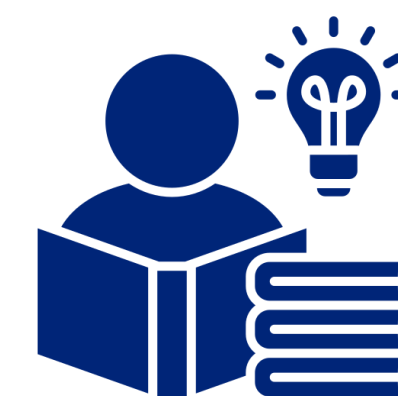
### 1:1 Expert Mentorship

Learn directly from industry experts working in Big 4s, SOC's, and top cybersecurity firms.



### 400+ Hiring Partners

Strong placement assistance and exclusive referral support with partner companies hiring cybersecurity talent.



### Small Batches, Better Learning

Focused attention with 20-25 learners per batch to ensure mentorship, doubt-solving, and hands-on practice.

## Additional Perks



### Lifetime Access

Full access to course materials and future updates.



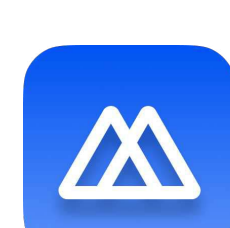
### 1:1 Mentorship

Personalized sessions with cybersecurity experts.



### Certificate

Meritshot Program Completion Certificate that you can showcase.





# Build the Cybersecurity Skills That Industry Needs

## Where can this take you?

Launch your career in cyber security with real-world labs, hands-on projects, and 360° career support, bridging the gap between learning and landing your dream job.



### SOC Analyst

High

Experience: 0–2 years

Demand : Very High

Monitor and respond to security incidents in SOC's

#### Key Skills:

SIEM Tools

Log Analysis

Threat Detection

#### Top Hiring Companies:

IBM

Accenture

Deloitte



### Security Engineer

High

Experience: 2–5 years

Demand : Very High

Build and maintain enterprise security infrastructure

#### Key Skills:

Network Security

Firewalls

Vulnerability Assessment

#### Top Hiring Companies:

Microsoft

Amazon

Google



### Penetration Tester (Ethical Hacker)

High

Experience: 2–4 years

Demand : High

Conduct ethical hacking & identify system vulnerabilities

#### Key Skills:

Kali Linux

Web App Testing

Network Pentesting

#### Top Hiring Companies:

EY

KPMG

PwC



### Incident Response Specialist

High

Experience: 2–5 years

Demand : High

Lead forensic investigations & threat-hunting operations

#### Key Skills:

Malware Analysis

Digital Forensics

Threat Intel

#### Top Hiring Companies:

CrowdStrike

FireEye

Mandiant



### Security Architect

High

Experience: 5–10 years

Demand : Very High

Design enterprise-wide security frameworks & lead strategy

#### Key Skills:

Cloud Security

Enterprise Security

Leadership

#### Top Hiring Companies:

Microsoft

AWS

Cisco



### Cloud Security Specialist

High

Experience: 3–6 years

Demand : Very High

Secure cloud platforms & multi-cloud environments

#### Key Skills:

AWS/Azure/GCP Security

Cloud Architecture

#### Top Hiring Companies:

AWS

Google

Infosys





# Real Stories Real Impact



**Aditi Kulkarni** | DevSecOps Engineer, **Flipkart**

"I knew DevOps, but securing pipelines was new territory. MeritShot's DevSecOps training on container scanning, IaC checks, and SBOMs made it practical. At Flipkart, I reduced vulnerable images by 54% and shortened patch cycles from 21 to 7 days. Security became part of delivery."



**Sushant Bhoi** | SOC Analyst II, **PhonePe**

"Coming from a network engineering role, I struggled with blue-team workflows. MeritShot gave me hands-on SIEM, EDR, and IR experience. I applied it directly at PhonePe: cutting detection time by 38% and false positives by 25%. The learning translated into real wins on the job."



**Pooja Chaudhary** | Information Security Analyst, **Airtel**

"Coming from IT helpdesk, I wanted more impact. MeritShot built my foundation in IAM, DLP, and phishing simulations. At Airtel, I drove MFA adoption, reduced phishing clicks from 14% to 4.5%, and closed stale-access gaps. For the first time, I feel like I own security outcomes."



**Jafre Alam** | SOC Analyst, **Wipro Cyber Defense Center**

"As a fresher, every job description wanted 'real incidents.' MeritShot gave me that exposure with SOC rotations, live labs, and SIEM practice. At Wipro, I now handle live triage confidently and even tuned rules to cut noise by 22%. It made my first job transition seamless."



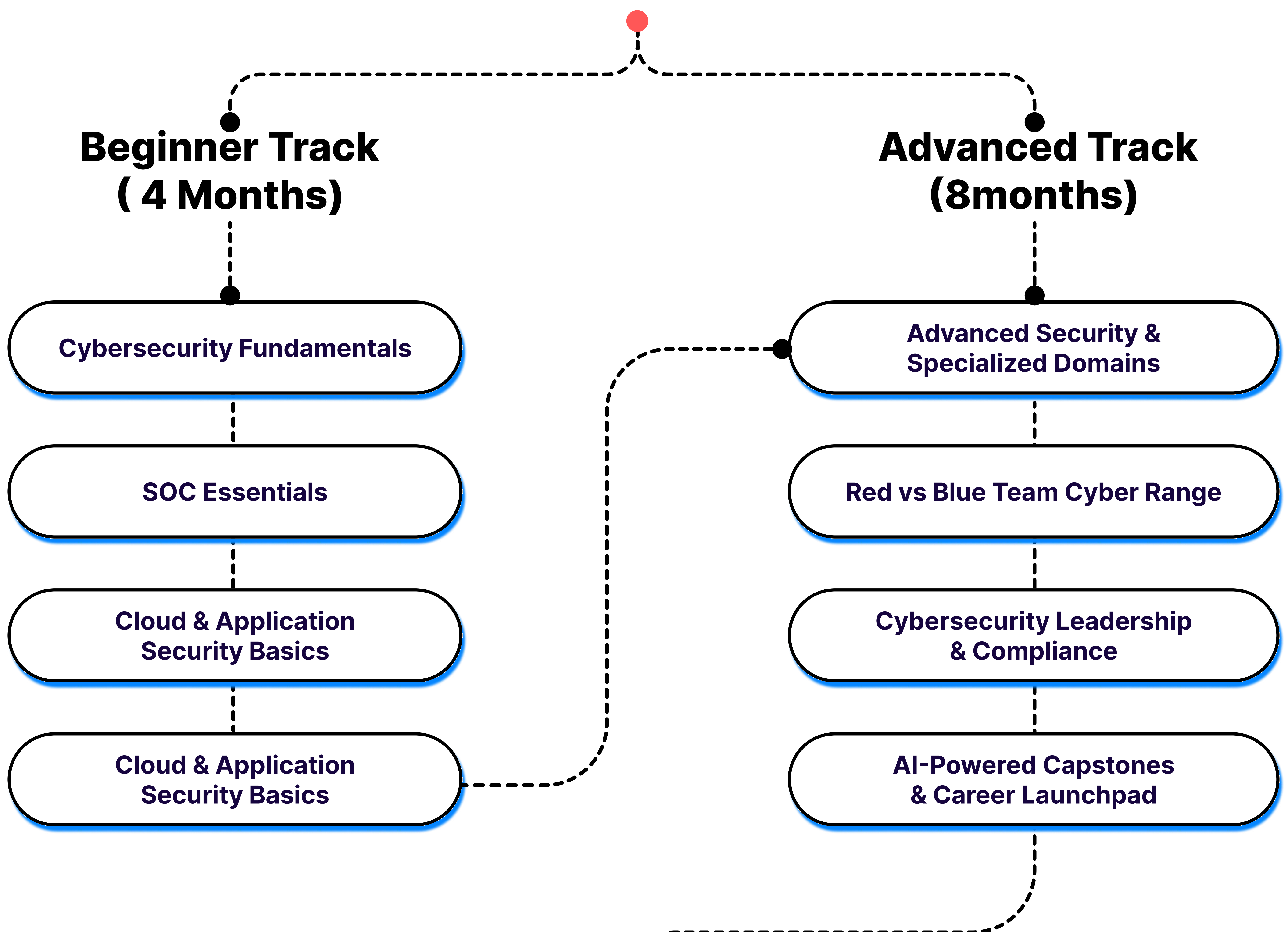


# Industry Vetted Curriculum

Your Blueprint to get into Product Company



## Choose your track



## Land Your Dream Job





**Month 1**

## Building Your Cybersecurity Foundation

Lay the groundwork by understanding computer systems, networks, and essential security concepts, along with hands-on tools to begin your journey.

### Topics Covered:

**Computer & Network Fundamentals**

Learn about IPs, DNS, TCP/IP, firewalls, VPNs, and how networks communicate.

**Core Security Principles**

Confidentiality, integrity, availability (CIA triad), authentication, and encryption basics.

**Python Scripting for Security**

Automate security tasks with Python, including log analysis and simple exploits.

**Network Scanners & Automation**

Hands-on with Nmap & automation scripts to discover and analyze vulnerabilities.

**Phishing & Malware Basics**

Understand phishing techniques, malware behavior, and basic analysis.

**Ethical Hacking Introduction**

Explore the hacker mindset, penetration testing lifecycle, and rules of engagement.

**OSINT & Shodan Tools**

Use Open-Source Intelligence (OSINT) and Shodan for reconnaissance and digital footprinting.

**Outcome:** Gain a rock-solid understanding of cybersecurity basics, tools, and scripting needed for ethical hacking.





## Month 2

## Core Hacking & Penetration Testing

Move into offensive security and learn how real-world hackers exploit systems, with guided labs and professional tools.

### Topics Covered:

**Advanced Nmap Scanning**

Master vulnerability scanning & service enumeration.

**SQL Injection (SQLi)**

Exploit insecure databases and learn mitigation techniques.

**Cross-Site Scripting (XSS)**

Explore stored, reflected, and DOM-based XSS attacks.

**Local File Inclusion (LFI) Exploits**

Bypass file paths to access sensitive server data.

**Remote Code Execution (RCE)**

Understand how attackers gain control of systems.

**Hands-On Labs with Kali Linux & Metasploit**

Practical penetration testing simulations.

**Outcome:** Become proficient in ethical hacking, exploit discovery, and penetration testing techniques used in the industry.





**Month 3**

## Enterprise Defense & AI Integration

Shift focus to blue-team (defensive) skills and learn how organizations defend against modern threats using both traditional and AI-driven tools.

### Topics Covered:

**SOC Operations & SIEM Tools**

Learn Security Operations workflows with Splunk & ELK for real-time monitoring.

**Incident Response & Digital Forensics**

Investigate breaches, collect evidence, and perform root cause analysis.

**Cloud Security (AWS, Azure)**

Identity & Access Management (IAM), Zero Trust security models, and cloud hardening.

**AI in Cybersecurity**

Apply generative AI for automated threat detection, vulnerability scanning, and proactive defense.

**Outcome:** Develop the skills of a SOC Analyst, incident responder, and cloud security engineer while leveraging AI.





**Month 4****Capstone Projects & Career Launchpad**

Apply everything you've learned in real-world simulations and prepare for your first cybersecurity role.

**Capstone Projects:****Professional VAPT Report**

Perform end-to-end vulnerability assessment & penetration testing, document findings like a real consultant.

**AI-Assisted Security Tool Development**

Build a custom tool that uses AI to automate threat detection or vulnerability scanning.

**Career Launchpad:****CISSP Essentials**

Governance, Risk, and Compliance (GRC) fundamentals.

**Resume & LinkedIn Optimization**

Tailor your profile for cybersecurity recruiters.

**Mock Interviews & Job Prep**

Practice with industry mentors and hiring-style interview simulations.

**Outcome:** Graduate with a strong portfolio, recognized projects, and interview readiness to land roles like **SOC Analyst, Cybersecurity Associate, or Junior Penetration Tester.**





**Month 5****Enterprise Defense & AI Integration**

Go beyond the basics to secure next-gen infrastructures and devices.

**Topics Covered:****IoT, Mobile & Edge Security**

Secure smart devices, mobile apps, and edge networks.

**Cloud Hardening & Zero Trust**

Implement IAM, encryption, and Zero Trust in AWS & Azure.

**Advanced Malware Analysis**

Dissect malware behavior, reverse engineer samples, and build countermeasures.

**AI-Powered Threat Detection**

Leverage ML & AI models for anomaly detection and predictive security.

**Outcome:** Gain advanced specialization in cloud, IoT, and AI-driven cyber defense.





**Month 6****Red Team vs Blue Team (Cyber Range Labs)**

Experience the thrill of real-world cyber battles in a controlled simulation.

**Topics Covered:****Red Team  
(Attackers)**

Advanced exploits, privilege escalation, lateral movement.

**Blue Team  
(Defenders)**

SOC monitoring, defense strategies, incident handling.

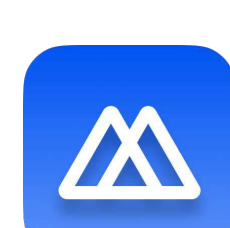
**AI-Assisted Cyber  
War Game**

Simulated Red vs Blue exercise enhanced with AI tools.

**Project: AI-  
Defense Bot**

Build a bot that automatically detects & responds to cyber threats.

**Outcome:** Hands-on mastery of both offensive and defensive security in a **cyber range environment**.





**Month 7****Cybersecurity Leadership & Compliance**

Step into leadership and governance roles with global compliance knowledge.

**Topics Covered:****CISSP Masterclass I**

Governance, ISO 27001, GDPR, risk & compliance.

**CISSP Masterclass II**

IAM, Zero Trust, enterprise-scale security operations.

**Security Audits & Risk Assessments**

Conduct audits, write policies, and assess enterprise risk.

**Project: Enterprise Security Architecture Design**

Develop a secure architecture blueprint for an organization.

**Outcome:** Learn to lead security teams, ensure compliance, and design enterprise-grade security frameworks.





**Month 8****AI-Powered Capstones & Career Launchpad**

Demonstrate mastery with advanced projects and prepare for leadership-level roles.

**Capstone Projects:****AI-Powered Malware & Phishing Detector**

Build an ML-based detection engine.

**Cloud Security Automation Tool**

AI-driven misconfiguration checker for AWS/Azure.

**Red vs Blue Simulation Project**

End-to-end cyber battle using AI-powered strategies.

**Career Launchpad:****AI Resume Builder + LinkedIn Branding**

Showcase yourself as an AI-ready cybersecurity leader.

**Advanced Mock Interviews**

Panel-style and technical assessments with industry mentors.

**Placement Drives & Hiring Partners**

Access to 400+ companies, referrals, and alumni network.

**Outcome:** Graduate as an **AI-ready cybersecurity leader** prepared for roles like **Cybersecurity Architect, SOC Manager, or Red Team Lead**.





# Real-World Projects

Hands-on projects form the backbone of our Cybersecurity Program. Each project is designed to **mirror real-world industry challenges** so that you graduate with a **portfolio recruiters trust**.

## Security Automation with Python

- AI-driven misconfiguration checker for AWS/Azure.
- Build Python scripts that detect weak credentials, automate log parsing, and secure file transfers

**Skills Gained:** Scripting, Secure File Handling, Cryptography, Automation

## Identity & Access Security Lab (MFA + IAM)

- Implement Multi-Factor Authentication (MFA), token-based logins, and PKI-driven security.
- Configure IAM policies on AWS/Azure for enterprise-level access control.

**Skills Gained:** IAM, Hashing, PKI, Cloud Access Control

## Network Security Architecture Project

- Design a secure enterprise-grade network with firewalls, IDS/IPS, and VPN tunnels.
- Configure traffic monitoring rules to detect and block intrusions in real time.

**Skills Gained:** Firewalls, IDS/IPS, VPN, SIEM Tools, Secure Network Design

## Secure Web Applications (OWASP Project)

- Run penetration tests on apps to find SQL Injection, XSS, CSRF vulnerabilities.
- Harden applications by applying OWASP Top 10 remediation and DevSecOps practices.

**Skills Gained:** Web App Security, Penetration Testing, CI/CD Security

## Malware Analysis Sandbox

- Deploy a sandbox to safely analyze trojans, ransomware, and worms.
- Reverse engineer malware samples and build custom detection signatures.

**Skills Gained:** Malware Analysis, Reverse Engineering, Threat Intelligence

## Red Team vs Blue Team Capstone

**Red Team:** Execute simulated cyberattacks with phishing, privilege escalation, and lateral movement.

**Blue Team:** Detect and defend using SOC monitoring, log analysis, and incident handling.

**Skills Gained:** Ethical Hacking, Incident Response, Forensics, Threat Hunting





# Industry Case Studies

Case studies are embedded across the program to help learners **apply theory in real business contexts.**



## Banking & FinTech Breach Response

- Analyze how Equifax and Capital One breaches happened.
- Recreate attack vectors (SQL injection, misconfigured S3 buckets) and propose defense strategies.

**Key Takeaway:** Cloud misconfiguration & data breach prevention.



## Healthcare Ransomware Attack Simulation

- Examine ransomware attacks on hospital networks that disrupted patient care.
- Create a response playbook covering backups, SIEM detection, and forensics.

**Key Takeaway:** Ransomware response frameworks for critical infrastructure.



## E-commerce Phishing & Fraud Prevention

- Study phishing attacks on global e-commerce players
- Implement anti-phishing filters, user awareness campaigns, and fraud monitoring dashboards.

**Key Takeaway:** Social engineering defense in customer-centric businesses.



## Nation-State Cyber Warfare (Advanced Case Study)

- Explore Stuxnet & SolarWinds breaches to understand state-sponsored cyberattacks.
- Design a Zero Trust framework for enterprises vulnerable to supply-chain attacks.

**Key Takeaway:** Importance of Zero Trust, monitoring, and AI-driven defense.





# Defining Your Outcomes

Outcome-driven learning that transforms you into an **industry-ready cybersecurity professional**, equipped to defend enterprises, lead SOC operations, and secure next-gen infrastructures with globally in-demand skills.

## AI & GenAI Mastery

Leverage the power of next-generation Artificial Intelligence and Generative AI tools to automate, predict, and defend against cyberattacks. Learn how to design and deploy AI-driven security models that give you an edge in modern cyber defense.

## Penetration Testing Expert

Gain advanced offensive security skills to ethically hack into systems, identify vulnerabilities, and produce professional-grade VAPT (Vulnerability Assessment & Penetration Testing) reports used by top organizations.

## SOC & Threat Monitoring Specialist

Train to become the backbone of a Security Operations Center by mastering real-time monitoring, log analysis, and anomaly detection. Work with Splunk, ELK, and AI-powered security analytics to detect and mitigate evolving threats.

## Cloud & Incident Response Leader

Develop expertise in securing cloud infrastructures on AWS and Azure, while also learning how to lead end-to-end digital forensics and incident response investigations. Apply AI-driven playbooks to accelerate threat response and remediation.

## Certification-Ready Professional

Prepare thoroughly for globally recognized certifications including CompTIA Security+, CEH, and CISSP, along with an exclusive JNII Diploma. Gain the credibility and validation that recruiters look for in cybersecurity professionals.

## Industry-Ready Cybersecurity Specialist

Graduate with more than just theoretical knowledge — you'll complete live projects, case studies, red vs blue team simulations, and industry labs, ensuring you can confidently handle complex cyber threats from day one on the job.





# Defining Your Outcomes

Outcome-driven learning that transforms you into an **industry-ready cybersecurity professional**, equipped to defend enterprises, lead SOC operations, and secure next-gen infrastructures with globally in-demand skills.

## Where You'll Go:

**SOC Analyst / Cybersecurity Analyst**

**Penetration Tester / Ethical Hacker**

**Cloud Security Engineer**

**Malware Analyst / Threat Intelligence Specialist**

**Incident Response Specialist**

**Cybersecurity Architect**

**Red Team / Blue Team Lead**

**CISO Track (Leadership Roles)**



**300%+**

**Job Growth in in  
Cybersecurity roles**

(2024–2028, driven by AI-powered attacks  
& cloud adoption).



**₹18–40 LPA**

**Salary Range**

for advanced cybersecurity  
architects & red team leads.



**90%+**

**Fortune 500 Companies**  
actively hiring cybersecurity talent.



**3x**

**Faster Career Progression**  
with enterprise security, compliance,  
and AI-driven defense skills.





# The Meritshot Edge

At MeritShot, we don't just teach cybersecurity, we prepare you to defend enterprises, fight real cyber threats, and lead security teams. Our program blends security fundamentals, hands-on labs, red vs blue team battles, AI-driven defense, and compliance leadership into one seamless journey. You graduate not just job-ready, but future-ready.

## 1

### Beginner to Pro Tracks (Structured Learning Journey)

- Start with Security+ and Network Fundamentals to build a strong base.
- Progress to advanced red/blue team simulations, malware reverse engineering, and AI-powered threat detection.
- Pathway ensures smooth transition from beginner → analyst → security leader.

## 2

### Hands-On Labs & Real Attacks (Practice-Driven)

- Simulate phishing campaigns, ransomware attacks, and DDoS incidents in controlled labs.
- Work with SOC tools, SIEM dashboards, firewalls, IDS/IPS, and cloud security platforms.
- Every exercise mirrors real-world enterprise challenges — so you graduate with battle-tested experience.

## 3

### Placement-First Approach (Career Ready)

- Backed by 400+ recruiters and hiring partners across fintech, IT, consulting, and defense.
- Alumni referrals + mock interviews with industry mentors to sharpen your readiness.
- Lifetime career support, resume branding, and interview prep for continuous growth.





# The Meritshot Edge

At MeritShot, we don't just teach cybersecurity, we prepare you to defend enterprises, fight real cyber threats, and lead security teams. Our program blends security fundamentals, hands-on labs, red vs blue team battles, AI-driven defense, and compliance leadership into one seamless journey. You graduate not just job-ready, but future-ready.

## 4

### Specialized Electives (Stay Future-Proof)

- Cloud Security → AWS, Azure, and GCP security best practices.
- AI in Cybersecurity → Threat prediction, anomaly detection, and automated defense.
- DevSecOps → Secure CI/CD pipelines and shift-left practices.
- Choose electives to customize your career path into leadership, technical, or consulting tracks.

## 5

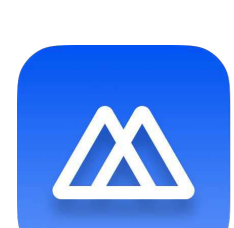
### Hands-On Labs & Real Attacks (Practice-Driven)

- Earn the MeritShot Cybersecurity Program Completion Certificate.
- Showcases hands-on projects, lab experience, and advanced security skills.
- Recognized by recruiters and hiring partners as a mark of career readiness.

## 6

### Placement-First Approach (Career Ready)

- 1:1 mentorship with industry professionals from top companies.
- Tailored learning pace with small group discussions, personalized feedback, and career guidance.
- Ensures every learner gets individual attention and accelerated growth.





# Learn from the Industry's Finest Cybersecurity Experts

Guided by practicing cybersecurity professionals who make the digital world safer every day.



## Dyuti Pati

Dyuti Pati is a Security Analyst and Cybersecurity Expert specializing in threat analysis, incident response, and vulnerability management. With hands-on experience in monitoring risks and implementing proactive defense strategies, she helps strengthen organizational resilience against evolving cyber threats.



## Kunal Bharadwaj

Kunal Bharadwaj is a Cybersecurity Evangelist focused on promoting awareness, best practices, and secure digital transformation. He drives initiatives that empower organizations to stay ahead of evolving threats and adopt a proactive approach to cyber resilience.



## Julien Joseph

Julien Joseph, Chief Information Security Officer (CISO) at Cisco, has 7 years of experience in cybersecurity and risk management. He leads enterprise security strategy, incident response, and compliance, ensuring resilience against global threats while fostering a culture of security and trust.



## Anushka Dixit

Anushka Dixit, Cybersecurity Engineer at Paytm with 4 years of experience, specializes in vulnerability management, network security, and incident response. She helps strengthen enterprise security, mitigate risks, and ensure resilience of critical digital platforms.





# Certificate

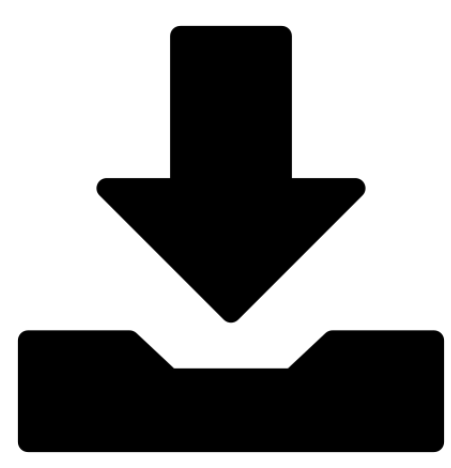
Earn dual credentials: a Cisco Cybersecurity Certificate and a Meritshot Program Completion Certificate — both globally recognized, employer-trusted, and shareable on LinkedIn to showcase your expertise in cybersecurity and career readiness.





# How to Enroll?

## Your Next Steps



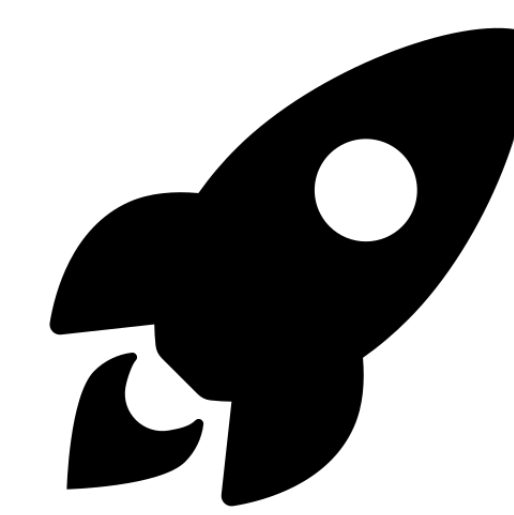
### Download Brochure

Get complete curriculum details and program information



### Get in Touch with us

Speak with our experts to explore specialisations, career paths, and program fit



### Start Your Journey

Join the next batch and make a promise to transition your career.

## Start Your Journey with Meritshot

### 1. Hassle-Free Registration

Sign up on meritshot.com or connect with our counsellor to begin your journey.

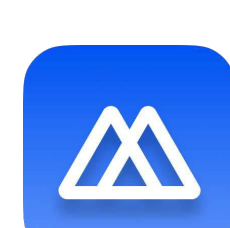
### 2. Choose Your Track

Pick the batch that suits you: Beginner or Advanced, based on your current skill level.

### 3. Batch Allotment & Kickstart

Get onboarded into your chosen track with flexible payment options and start learning.

**Enroll Now →**







# Meritshot

# THANK YOU

## Need more insights?

Our counsellors will guide you on enrollment, specialisations, and career opportunities.

**GET IN TOUCH →**

