CRYPTONIC AREA
EMPOWERING THE DIGITAL DEFENDERS

TRAINING PROGRAM · COHORT ENROLLMENT OPEN

# SOC Anylst – Adwanced Training Program

SOC ANYLST TRAINING PROGRAM

Masterreal-worldthreatdetection, monitoring and incident response throughpractical, hands-on SOC operations — built for people who want to defend live environments the way professional Blue Team analysts do, not the way tutorials pretend to.

100% PRACTICAL | INDUSTRY LEVEL | CERTIFICATE INCLUDED | ONE MONTH PROGRAM | PROFESSIONAL TRAINING

PROGRAM FIT

# Who Is This Program For?

The Advanced SOC Analyst Training Program is built for anyone serious about understanding how real security teams detect, investigate and respond to live threats — regardless of where they are starting from. Whether you are learning what a SIEM is or already working in IT, the program is structured to meet you at your level and move you toward genuine, hands-on competence.

### Students

Buildinga real security foundation alongside academics.

### Beginners

New to cybersecurity, ready to start with the right mindset.

### IT / Network Admins

Moving frominfrastructureinto active security monitoring.

### Developers

Learning howattacks are detected on systems they build.

### Ethical Hackers

Understandingdetection to become a stronger attacker, and defender.

### SOC Aspirants

TargetingL1/L2 Analyst roles with verifiable, practical skill.

### Security Enthusiasts

Turning curiosityabout blue teaming into structured skill.

### Career Switchers

Making apractical,evidence-backed move into cybersecurity.

DIFFERENTIATION

# What Makes This Program Different?

### 100% Practical

Every concept is tested hands-on, not just explained.

### Real Alert Simulation

Live-style alertsandlogs,notsanitised textbook examples.

### Industry Mindset

Trainedtothinkandwork like a professional SOC analyst.

### Real Tools

Industry SIEM,EDR and packet analysis tools, not toy dashboards.

### Manual + Tool-Based

Emphasis onanalystjudgment, not blind reliance on automation.

### Professional Reporting

Incidentsdocumentedthewayreal SOC teams expect to receive them.

### Hands-On Learning

Learningbydoing,fromthe very first session.

### Small Batch Learning

Focused group sizes for real attention and feedback.

### Real Guidance

Directmentorship,not a pre-recorded, one-way course.

CURRICULUM

# What You Will Learn

The curriculum is organised around how a real Security Operations Center actually operates — not as a list of disconnected classes. Each category builds the judgment needed for the next, so by the end you are not just aware of threats, you know how to detect, investigate, and respond to them the way a working SOC Analyst would.

## 01 SOC & Cybersecurity Fundamentals

The foundation every analyst needs before touching alive Console — how a SOC is structured and how defenders think.

- What is a SOC
- SOC Tiers (L1/L2/L3)
- CIA Triad
- Cyber Kill Chain
- MITRE ATT&CK Framework
- Security Policies

## 02 Networking & System Fundamentals

How data actually moved and where attackers operate,so alerts make sense instead of feeling random.

- TCP/IP & OSI Model
- Ports & Protocols
- Windows Internals
- Linux Internals
- Active Directory Basics
- Firewalls & Proxies

## 03 Log Management & SIEM Operations

The technical core of the program.Real log sources analysed until correlation and triage become second nature.

- Log Sources & Types
- SIEM (Splunk / ELK / Wazuh)
- Log Correlation
- Alert Triage
- Dashboards & Rules
- Use Case Creation

## 04 Threat Detection & Monitoring

Where analysts learn to spot what automated tools alone consistently miss.

- Network Traffic Analysis
- IDS / IPS (Snort, Suricata)
- EDR Fundamentals
- Threat Intelligence
- IOC & IOA
- Phishing & Email Analysis

## 05 Incident Response & Threat Hunting

Turning detection into decisive, structured action.

- IR Lifecycle
- Escalation & Playbooks
- Threat Hunting
- Malware Behaviour Basics
- Ransomware / APT Cases

## 06 Digital Forensics Fundamentals

Preserving and reading evidence that investigation s require.

- Evidence Handling
- Chain of Custody
- Memory Forensics Basics
- Disk Forensics Basics
- Timeline Analysis

## 07 Reporting, Compliance & SOC Tooling

A finding only has value if it is communicated clearly.students learn to document and escalate the way real SOC teams and clients expect.

- Incident Reporting
- SOC Metrics & KPIs
- ISO 27001 / NIST Overview
- Ticketing & SOAR Basics
- Professional Documentation
- Practical Labs

CAPABILITY

# Real-World Skills You Will Build

Tools change. Dashboards change.Whatstays valuableisthe way you think about an alert. This program is built to develop that thinking, so the skills you leave with keep working long after any specific tool goes out of date.

### Analytical Thinking
Breaking a complex incident into testable, logical pieces.

### Defender Mindset
Seringa environment the way someone trying to breach it would.

### Threat Detection
Working methodicallythrough unfamiliar and undocumented alerts.

### Incident Handling
Confidence triaging and escalating without relying on guesswork.

### Professional Workflow
Working the way a real SOC shift is actually run.

### Industry Confidence
Comfort approaching real, unfamiliar environments with structure.

### Log Analysis
Investigating in a repeatable order instead of guessing at random.

### Practical Knowledge
Understanding gainedby doing, which is what actually retains.

NEXT STEPS

# After Completing This Program

Completion is a starting point,notafinishline.With The foundation built here,students are equipped to:

- ✓ Continue advanced learning in specialised tracks (DFIR, Threat Hunting, Cloud Security).
- ✓ Build personal SOC projects that demonstrate applied skill.
- ✓ Strengthen their resume with a genuine practical foundation.
- ✓ Continue deepening their detection & response knowledge.
- ✓ Apply confidently for L1 / L2 SOC Analyst roles.
- ✓ Continue practicing on dedicated SIEM and attack-simulation labs.
- ✓ Prepare confidently for cybersecurity interviews.
- ✓ Build a professional portfolio of documented incidents.

*Results depend on consistent practice and personal effort. This program provides the methodology, guidance, and practice environment — the depth of skill you walk away with is shaped by how deliberately you apply it.*

EXPERIENCE

# How The Training Is Conducted

This program is built around one principles: SOC skill is learned by implementation, not by watching. Every session moves students from a demonstrated concept into hands-on practice on the same idea, so understanding is tested immediately rather than left for later.

- ✓ Live practical demonstrations of real SOC workflows.
- ✓ Hands-on alert triage, not passive viewing.
- ✓ Practical assignments that reinforce each topic covered.
- ✓ Professional incident reporting practice for every case raised.
- ✓ Real browser and SIEM-based exercises on live-style environments.
- ✓ Guided detection methodology from log to escalation.
- ✓ Real threat analysis on realistic attack scenarios.
- ✓ Dedicated Q&A and doubt-support built into every stage.

*Students are expected to practice consistently outside sessions — SOC skill improves through implementation, not memorisation.*

### Practical Learning Approach

This is not a slide-based or theory-heavy course. Most of the training is spent understanding concepts through direct implementation, the same way SOC professionals actually approach an active alert. Every concept is demonstrated practically before students attempt a similar exercise themselves, with the focus kept on the logic behind a detection rather than on memorising a specific tool.

### Tools & Environment

Students work with the same tools and environments used in the industry, and learn when and why each one is used rather than clicking buttons without context.

Splunk / ELK · Wazuh · Wireshark · Suricata / Snort · Kali Linux · MITRE ATT&CK

COMPARISON

# What Makes This Different?

**TYPICAL COURSES**

- ✕ Mostly theory, delivered as long slide decks.
- ✕ Recorded videos with little live interaction.
- ✕ Tool clicking without understanding the logic behind it.
- ✕ Focused on the certificate rather than the skill.
- ✕ Little to no real practical exposure.

**CRYPTONIC AREA**

- ✓ Practical implementation from day one.
- ✓ Real, repeatable detection & response methodology.
- ✓ An analyst mindset built through practice.
- ✓ A genuine professional SOC workflow.
- ✓ Industry-oriented learning throughout.

RECOGNITION

# Professional Certificate


On successful completion of the program, every participant receives a professional Internship / Training Completion Certificate. It reflects genuine, practical participation in the training — the hours spent triaging alerts, working through labs, and producing reports, not just attendance.

The certificate is intended as supporting documentation for your skills and learning journey, useful alongside a resume or portfolio. It does not carry government approval, and Cryptonic Area makes no guarantee of employment, income, or specific outcomes as a result of holding it.

ELIGIBILITY

# Who Should Join?

**College Students**
Get a practical edge while still studying.

**Working Professionals**
Add hands-on security monitoring skills to an existing role.

**Freshers**
Buildreal capability before entering the job market.

**Ethical Hackers**
Refine detection methodology and reporting discipline.

**Cybersecurity Beginners**
Astructured, guided starting point into the field.

**Network / IT Admins**
Sharpen the methodology behind consistent detections.

**Aspiring SOC Analysts**
Seealive environmentfroma defender's side.

**Passionate Beginners**
Anyonegenuinely curious about how threats are caught.

FAQ

# Frequently Asked Questions

**Is prior experience required?**
No.The programis structuredto take beginners through fundamentals before progressing into advanced SOC operations.

**Isthis beginner friendly?**
Yes. Every topicis built from the ground up, with guidance available at every stage.

**Is practical work included?**
Yes — practical,hands-onworkisthe core of this program, not an add-on to it.

**Will I receive a certificate?**
Yes, a professional training Completion Certificate is issued on successful completion.

**Can I ask doubts during training?**
Yes.Dedicated Q&A and doubt support are built into the training experience.

**Will I learn real-world concepts?**
Yes— the entire program is designed around realistic alerts and industry methodology.

PHILOSOPHY

# Why Students Choose Cryptonic Area

Cryptonic Area believes in practical cybersecurity education. The focus is never on memorising tools — it is on understanding how modern threats actually behave, and how they are detected and responded to responsibly, so that knowledge holds up long after the training ends.

✓

### Practical Learning First

Every module is built around doing, not watching — students triage real scenarios from the first session, building muscle memory that lectures alone can't create.

⚡

### Industry-Oriented Training

The workflow mirrors what's professional SOC shift actually looks like, from alert through to final report.

◈

### Strong Technical Foundation

Concepts aretaught from firstprinciples, so students understand why a threat is significant, not just how to flag it once.

🔎

### Real Security Methodology

Aconsistent,repeatablemethodology is taught throughout, so investigation stays structured rather than relying on guesswork.

📈

### Continuous Skill Development

The program isdesignedas a foundationto build on, with clear direction for what to practice and learn next after graduation.

🎓

### Professional Learning Environment

Small batches, direct guidance, and genuine doubt support keep the experience personal rather than transactional.

COMMITMENT

# Student Expectations

A program built-in practices ly works if students bring effort to match it. Enrolled students are expected to:

- ✓ Practice regularly, beyond scheduled sessions.
- ✓ Complete practical exercises rather than skipping to answers.
- ✓ Ask questions whenever something is unclear.
- ✓ Use everything learned here responsibly, always.
- ✓ Think logically through each incident before jumping to a fix.
- ✓ Stay disciplined and consistent across the full month.
- ✓ Maintain ethical standards at every stage of monitoring.

YOUR CYBERSECURITY JOURNEY

# Starts With The Decision To Begin

Every SOC professional started exactly where you are now. Every analyst was onces beginner staring at their first dashboard, unsure where to start. The difference between the people who go on to build real careers and those who don't is rarely talent — it is consistent practice. Skills in this field are built through implementation, not by watching someone else do the work, and real confidence only comes from investigating problems with your own hands.

## Ready to Build Real SOC Skills?

Stop waiting. Start learning. Start practicing. Start growing. Join the Advanced SOC Analyst Training Program today.

PROGRAM NAME

**Advanced SOC Analyst Training Program**

DURATION

**One Month**

LEARNING MODE

**Live + 100% Practical**

CERTIFICATE

**Professional Completion Certificate**

PROGRAM FEE

**₹5,999** ~~₹12,999~~

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The cybersecurity industry rewards professionals who can genuinely demonstrate their skill, not just claim it. The best investment you can make is in your own capability — build practical knowledge, stay ethical in how you apply it, and keep learning long after this program ends. We look forward to seeing you inside the training.