

• KSUM RECOGNIZED STARTUP

• STARTUP INDIA RECOGNIZED

AN INITIATIVE OF BRIGHTFORGE SOLUTIONS AND TECHNOLOGIES LLP

# BRIGHTFORGE HACKERS ACADEMY

## CYBER ANALYST PROGRAM

CAP – 4-Month Practical Cybersecurity Training Program

A practical cybersecurity training program designed for beginners, students, graduates, career switchers, and aspiring cybersecurity professionals. Build real skills, real labs, real portfolio – and get career-ready fast.

LEARN · PRACTICE · DEFEND · GROW

**4**

MONTHS

**16**

MODULES

**100%**

HANDS-ON

**Zero**

PREREQUISITES

Brightforge Hackers Academy Certificate

Project Completion Certificate

Beginner Friendly · Career Focused

↓ Scroll to explore

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# ABOUT BRIGHTFORGE

Brightforge Hackers Academy is a practical cybersecurity training institute focused on building industry-ready cybersecurity professionals through hands-on learning, internal cyber labs, certification-aligned training, and real-world security scenarios.

We are an initiative of Brightforge Solutions and Technologies LLP – a KSUM Recognized Startup and Startup India Recognized company – committed to closing the cybersecurity talent gap through quality, accessible education.

## — OUR MISSION

To deliver practical, high-quality cybersecurity training that combines technical knowledge, hands-on experience and professional guidance.

## — OUR GOAL

To help learners build the skills, confidence and professional mindset required to succeed in an evolving cybersecurity landscape.

## — OUR VISION

To be a trusted institution for cybersecurity education, recognized for developing skilled professionals who contribute responsibly to a safer digital world.



### Practical-First

Every concept reinforced with real hands-on labs and real security tools.



### Internal Cyber Labs

Our own isolated cyber range – no external dependencies for lab practice.



### Career Focused

Portfolio, LinkedIn, resume, and mock interviews – we build the full professional.



### Career-Ready

Portfolio, interviews, LinkedIn and GitHub – we prepare the full professional.



### Government Recognized

Kerala Startup Mission (KSUM) · Startup India (DPIIT)

# THE CAP ROADMAP

A structured 4-month program across four learning phases – each phase building on the last, from technical foundations to career readiness.

01

## PHASE 1 Cybersecurity & Technical Foundations

- Cybersecurity Basics & Security Principles
- Networking Fundamentals (OSI, TCP/IP, DNS, HTTP)
- Linux Fundamentals
- Security Principles & Concepts

02

## PHASE 2 Security Operations & Offensive Foundations

- Kali Linux & Security Tools
- Reconnaissance & OSINT
- Scanning & Enumeration
- Web Security & OWASP Top 10

03

## PHASE 3 Enterprise Security & Defensive Concepts

- Active Directory Fundamentals
- SOC Fundamentals & Security Monitoring
- Cloud Security Fundamentals
- Incident Response Concepts

04

## PHASE 4 Career Development & Professional Readiness

- TryHackMe Learning Path
- GitHub Portfolio Development
- LinkedIn Optimization & Resume Building
- Interview Preparation
- Capstone Project

**4**  
MONTHS

**16**  
MODULES

**Zero**  
PREREQUISITES

**4**  
PHASES

# PROGRAM HIGHLIGHTS

Everything designed to take you from zero to job-ready in 4 months – practical skills, real labs, and a portfolio employers notice.



## Beginner Friendly

Zero background required. We start from "what is cybersecurity?" on Day 1 – no prior experience needed.



## Practical-First Training

Every session includes real practice in actual virtual labs using industry-standard security tools.



## Internal Cyber Labs

Our own isolated cyber range – Vulnerable Web Apps, Active Directory, Android, WiFi, and CTF environments.



## VPN Lab Access

VPN-based remote access to our internal cyber lab infrastructure – practice anytime, anywhere.



## Career Development

LinkedIn, resume, mock interviews and GitHub – a complete career launch track built into the program.



## CTF Challenges

Capture the Flag competitions embedded throughout the program to sharpen problem-solving skills.



## Portfolio Building

GitHub projects, LinkedIn profile, technical security reports, and capstone project showcase.



## Resume & Interview Prep

Mock interviews and ATS-friendly resume writing designed to make you interview-confident.



## Ethical Environment

100% legal, white-hat aligned. Every lab is isolated, controlled, and responsibly supervised.



## Capstone Project

End-to-end practical security project covering assessment, documentation, reporting, and presentation.

# FOUNDATIONS & OFFENSIVE SECURITY

Modules 01-08: From cybersecurity basics and networking through Kali Linux, reconnaissance, scanning, and web security fundamentals.

<b>01</b>	<b>Introduction to Cybersecurity</b> Threats, career paths, ethics, CIA triad, cyber law	<b>05</b>	<b>Kali Linux &amp; Security Tools</b> Kali environment, package management, core security tooling
<b>02</b>	<b>Networking Fundamentals</b> OSI/TCP-IP, IP addressing, DNS, ports, protocols	<b>06</b>	<b>Reconnaissance &amp; OSINT</b> Passive/active recon, search intelligence, domain enumeration
<b>03</b>	<b>Linux Fundamentals</b> Terminal, file system, user management, permissions, shell	<b>07</b>	<b>Scanning &amp; Enumeration</b> Host discovery, port scanning, service enumeration, Nmap
<b>04</b>	<b>Security Principles</b> Security controls, risk management, defense in depth	<b>08</b>	<b>Web Technologies &amp; Security</b> Web architecture, OWASP Top 10, Burp Suite basics, Juice Shop labs













## ENTERPRISE SECURITY & CAREER READINESS

Modules 09-16: Enterprise defenses, SOC fundamentals, cloud security, and a complete career development track ending with your capstone project.

09	<b>Web Security Fundamentals</b> OWASP Top 10 deep dive, injection, XSS, access control labs	13	<b>TryHackMe Learning Path</b> Guided cybersecurity rooms, security challenges, practical exercises
10	<b>Active Directory Fundamentals</b> Domains, group policies, enterprise authentication basics	14	<b>GitHub Portfolio Development</b> Git basics, repo management, documentation, portfolio building
11	<b>Security Monitoring &amp; SOC Fundamentals</b> SOC structure, Wazuh SIEM, log analysis, alert triage	15	<b>LinkedIn, Resume &amp; Interview Preparation</b> Professional branding, ATS resume, mock interviews, career strategy
12	<b>Cloud Security Fundamentals</b> Cloud models, shared responsibility model, cloud risks & controls	16	<b>Capstone Project</b> End-to-end security assessment, documentation, report & presentation

# HANDS-ON LEARNING ENVIRONMENT

Industry-standard tools used by real cybersecurity professionals – introduced progressively in safe, guided internal lab sessions.

 <b>Kali Linux</b> Pen-testing OS	 <b>Wireshark</b> Packet analysis	 <b>Nmap</b> Network scanning	 <b>Burp Suite</b> Web app testing	 <b>OpenVAS</b> Vulnerability scanning
 <b>Wazuh</b> SIEM & monitoring	 <b>Metasploit</b> Exploitation framework	 <b>VirtualBox</b> Virtual lab env	 <b>GitHub</b> Portfolio hosting	 <b>TryHackMe</b> CTF platform
 <b>Hack The Box</b> Advanced labs	 <b>Juice Shop</b> OWASP web lab			

 **Internal Cyber Labs**  
Students learn in a safe, isolated and ethical cybersecurity training environment – Linux Labs, Windows Labs, Active Directory Labs, Vulnerable Web Applications, Security Monitoring Labs, CTF Challenges, and VPN Remote Labs.

 <b>Virtual Machines</b> Isolated practice environments	 <b>Active Directory Lab</b> Corporate network simulation	 <b>Capture the Flag</b> Competitive challenge arenas
 <b>VPN Remote Labs</b> Remote cyber lab access		

# STUDENT OUTCOMES & CAREER PATHWAYS

Real skills, real portfolio, real career readiness – and a student deliverables package that sets you apart in every job application.

## STUDENT OUTCOMES



### Cybersecurity Foundations

Solid understanding of threats, controls, and security principles



### Linux & Networking Skills

Terminal proficiency and solid networking knowledge for security work



### Security Operations Awareness

SOC fundamentals, monitoring, and basic incident handling concepts

## STUDENT DELIVERABLES

- ✓ GitHub Portfolio with real project repositories
- ✓ Optimized LinkedIn profile & professional branding
- ✓ ATS-ready resume
- ✓ Interview readiness with mock sessions
- ✓ Capstone Project – security assessment experience
- ✓ Brightforge Hackers Academy Certificate of Completion
- ✓ Project Completion Certificate

## CAREER OPPORTUNITIES

Graduates leave with the skills and portfolio for these in-demand cybersecurity roles:

▸ Cybersecurity Intern

▸ SOC Intern

▸ Security Operations Trainee

▸ IT Support Associate

▸ Junior Security Analyst

## STUDENT JOURNEY

Learn → Practice → Build Portfolio → Career

# FREQUENTLY ASKED QUESTIONS

## Q. Who can join CAP?

Anyone! CAP is designed for beginners, students, graduates, career switchers, and aspiring cybersecurity professionals. Zero prior background is required – only curiosity and a laptop.

## Q. Is this beginner friendly?

Absolutely. We start from "what is cybersecurity?" on Day 1. Every concept is introduced progressively with hands-on labs to reinforce learning at every step.

## Q. What are the laptop requirements?

Any laptop with 4GB RAM (8GB recommended), 50GB free storage, and the ability to run VirtualBox. Windows, Mac, and Linux are all supported.

## Q. How long is the program?

4 months covering 16 structured modules across four phases – from cybersecurity basics through practical labs and career development.

## Q. What certification do I receive?

Successful graduates receive a Brightforge Hackers Academy Certificate of Completion and a Project Completion Certificate upon completing the capstone project.

## Q. What labs will I have access to?

Students get access to our internal cyber range – Linux Labs, Windows Labs, Active Directory Labs, Vulnerable Web Applications, Security Monitoring Labs, CTF Challenges, and VPN Remote Labs.

## Q. Is everything legal and ethical?

100% yes. All practice is conducted in safe, isolated, controlled internal lab environments. We follow white-hat principles and comply fully with Indian cybersecurity law.

## Q. Will I get career support?

Yes. Career development is built into the program – LinkedIn optimization, GitHub portfolio, ATS-ready resume, and mock interview sessions are all included.

## Q. Is the practical training real and hands-on?

Yes. Every session includes real lab practice. You use Kali Linux, Wireshark, Nmap, Burp Suite, Wazuh, VirtualBox, TryHackMe, and OWASP Juice Shop in guided, safe environments.

## Q. How do I enrol?

Contact us via phone, email, Instagram, or visit our location in Pathanapuram, Kollam. Seats are limited – early registration is strongly recommended.

# START YOUR JOURNEY TODAY

Building Future Cybersecurity Professionals Through Practical Learning. Reach out to secure your seat in the next CAP cohort.

## GET IN TOUCH



LOCATION

Near Opp. St. Stephen's School Ground

AKV Building, 1st Floor, Pathanapuram, Kollam, Kerala



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## ENROL IN CAP

Seats are limited per cohort. Reach out on Instagram, phone, or email to secure your spot for the next batch of the Cyber Analyst Program.

- ✓ 4 Months · 16 Modules · 4 Phases
- ✓ Internal Cyber Range & VPN Lab Access
- ✓ Beginner Friendly · Zero Prerequisites
- ✓ GitHub Portfolio & LinkedIn Optimization
- ✓ Resume Building & Mock Interviews
- ✓ Capstone Project
- ✓ Brightforge Academy Certificate of Completion
- ✓ Project Completion Certificate

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