



Transforming Aspirations into Achievement

CYBER SECURITY

Master Cyber Security with Expert Guidance!

SELF-PACED | MENTOR LED | PROFESSIONAL





A Brief Story About The Company



ABOUT US

Our team is dedicated to empowering students with the skills needed to thrive in today's ever-evolving job market. We believe that staying ahead requires continuous skill development to meet industry demands.

At innoKNOWVEX, we bridge the gap between current capabilities and the expertise sought by leading organizations. Our platform offers industry-specific training in a professional setting, equipping students with the knowledge and practical skills essential for securing employment in their chosen fields.



About the Program

InnoKnowvex Edu Tech's 3-month program includes two months of industrial training with experts through live sessions & recorded materials.

The final month involves an individual project and a major project with affiliated companies, offering industry exposure and MNC work experience. This program prepares interns for successful careers in the field.

Modes of Training

★ SELF PACED

- Recorded Sessions with doubt-clearing opportunities
- Lifetime access to study material
- Training Certification+Internship Opportunity

★ MENTOR LED

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity

★ PROFESSIONAL

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity+placement assistance



FIRST TWO MONTHS

- Comprehensive industrial training from experts
- Live interactive sessions
- Lifetime access to session recordings
- Hands-on practice
- Mini-projects and exercises
- Real time engagement
- Immediate feedback
- Supportive learning environment
- Mentorship and peer collaboration
- Solid foundation
- Real-world projects in the internship phase

THIRD MONTH

Two key projects:-

1. Minor project focused on implementing and evaluating their skills independently.
2. Major collaborative project, providing industry exposure and experience in a multinational corporation environment.

***Interns work on real-world challenges under the guidance of experienced professionals, gaining valuable insights into industry practices while refining their technical skills. This hands-on experience prepares them for successful careers, giving them a competitive edge in the job market.**



Explore the **CAREER PATHS**

**Cybersecurity
Analyst**

**Penetration
Tester**

**Security
Engineer**

**Security
Architect**

**Incident
Responder**

**Security
Consultant**

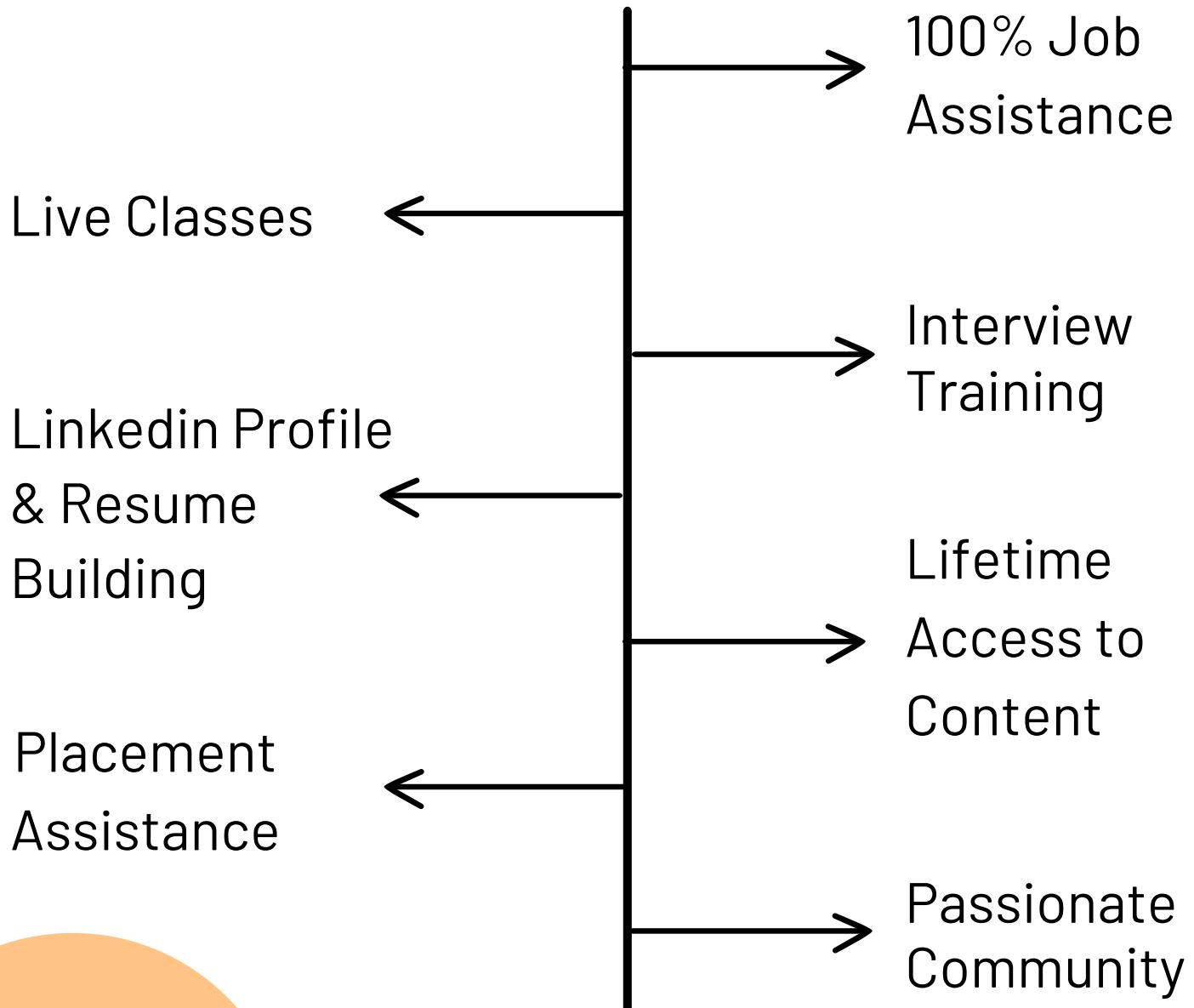
**Malware
Analyst**

**Forensic
Analyst**

**Compliance
Analyst**

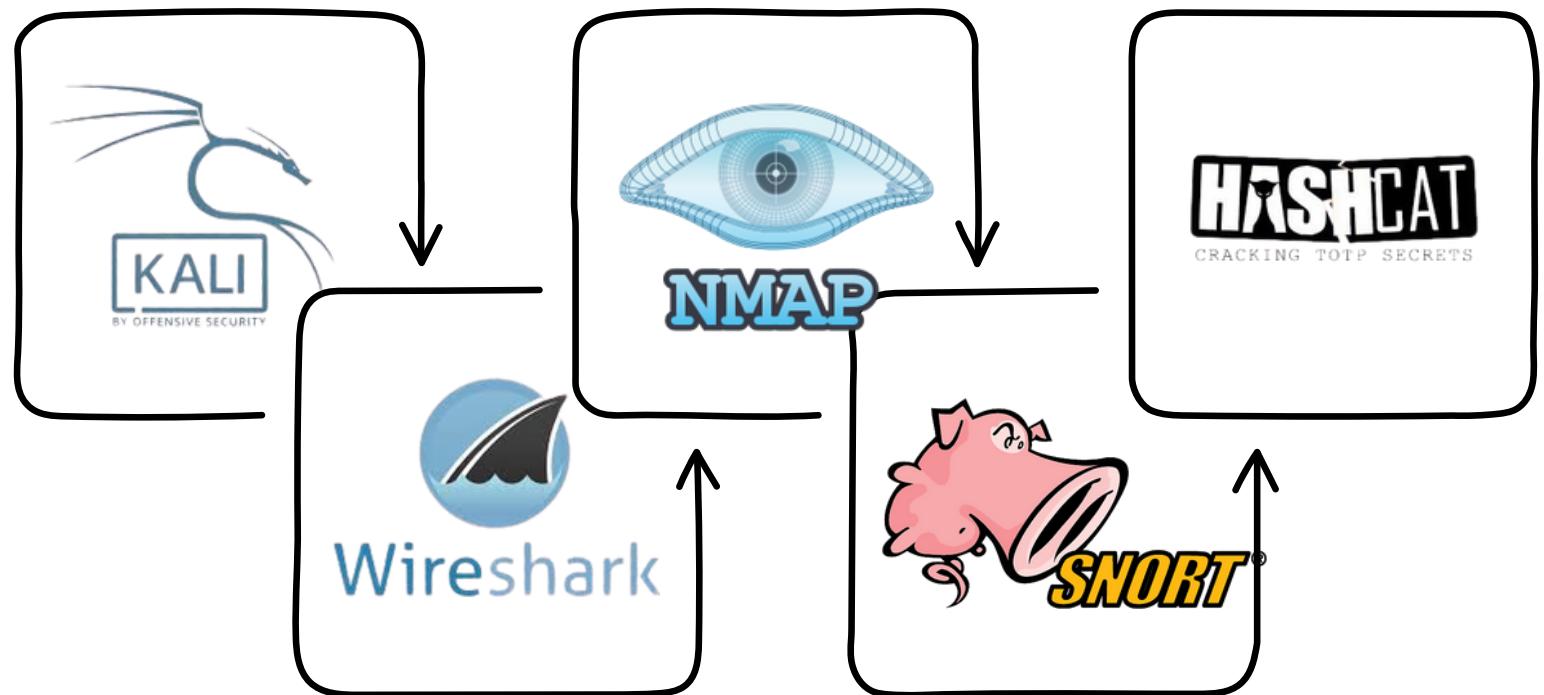


WHY US?



TOOLS

You will learn





KEY HIGHLIGHTS OF PROGRAM

Network
Security

Application
Security

Incident Response

Endpoint
Security

Malware

Phishing

Denial-of-Service

Compliance

Regulations

Risk
Management

Frameworks

Education &
Awareness

Course Curriculum



Week 1- Introduction to Cybersecurity Pt. 1

01

- Data Security**
- Cyber Security**
- Information Security - CIA, IAAA**
- Cloud Security**
- Threats- Ransomware, DDoS Attack, Threats Originated within an organization, Data Breaches, Advanced Persistence Threat(APT)**
- Vulnerabilities And Risk**



Week 2- Introduction to Cybersecurity Pt. 2

02

- Information Security**
- Enterprise Security- Pitfalls, Zero trust, Cost vs benefits**
- Policies, Procedures and standards, Roles and responsibilities**
- IOT Security**
- Network Security**





Week 3 - NETWORK AND ENTERPRISE SECURITY

03

- DMZ**
- IDS-Network and Host**
- IPS-Network and Host**
- WAF**
- Endpoint Security Agent**
- SIEM/SOAR**
- UEM**



Week 4 - ETHICAL HACKING, RED TEAMING, OFFENSIVE SECURITY

04

- Routers, Switches, Anti-Virus, Load Balancers**
- Email threat prevention system**
- What Is Security Assessment**
- What Are The Non-Intrusive Types?**
- What Are The Intrusive Types?**



★ RESUME BUILDING WORKSHOP



Week 5 - ETHICAL HACKING, RED TEAMING, OFFENSIVE SECURITY

05

- What Is Vulnerability Scanning**
- List Some Of The Tools Used To Conduct VA Scans**
- What Is Penetration Testing**
- Types Of Penetration Testing**
- List And Describe The Steps Involved In Penetration Testing**



Week 6- NETWORK SECURITY CONCEPTS

06

- OSI Model**
- TCP/IP Model**
- Various protocols and ports**
- Network attacks**





Week 7 - Risk Analysis and Encryption Fundamentals

07

- Types Of Encryption**
- Managing Risk - Risk Transfer, Mitigation, Acceptance, Avoiding**
- Importance of Risk Management in an Enterprise**



Week 8 - Encryption Protocols and Data Loss Prevention

08

- Risk - Types of Risks - Qualitative vs Quantitative**
- How Is Data Encrypted in Transit?**
- Well-Known Encryption Algorithms**
- How Is Data Encrypted in a VPN Connection?**



SOFT SKILL DEVELOPMENT WORKSHOP



Week 9 - Data Security, Vendor Risk Management, and Security Reviews

09

- Protocols to Encrypt Data at Rest**
- Encryption Protocols Used in Wi-Fi**
- DIP Tool and Its Importance in an Enterprise?**
- Vendor Risk Management**
- Vendor Management Lifecycle**
- Vendor InfoSec Review Conducted?**



Week 10 - DATA PRIVACY AND BUSINESS CONTINUITY MANAGEMENT

10

- Data Privacy and Its Implications on PII Collection**
- Business Continuity Planning (BCP) vs. Disaster Recovery (DR)**
- Global Data Privacy Regulations and Data Breach Examples**
- Key Features of an Enterprise Business Continuity Plan**
- Data Center Security: Best Practices and Considerations**



HOW TO CRACK TECH INTERVIEWS



Week 11 - CLOUD SECURITY

11

- Cloud Computing & Providers**
- Types of Cloud Services**
- Benefits of Cloud Migration**
- Security Challenges in Cloud**
- Shared Security Responsibility Model**
- Cloud Security Controls**
- Data Center & Physical Security**



Week 12 - Security Certifications & Training Wrap-Up

12

- Advanced Computer Vision**
- Advanced Natural Language Processing**





CERTIFICATIONS





Pricing

PLAN

Live Sessions>

Get real-time Assistance

₹2,500

Self Paced>

Learn at your own pace

₹2,500



OUR COLLABORATIONS

Capgemini

IBM

wipro

accenture

meesho

SWIGGY

Razorpay

PhonePe

boAt



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