Cyber Security

About Us

InternsForge is the bridge that takes you from books to the on-field application of any and everything you want to learn. You should be trained to apply all your learnings in the real world right from the start. This not only makes your learning process a lot more fun but sets you apart from the dense competition through your exceptional skills from our holistic learning approach.

"We're not here to just teach; we're here to transform"

- 30,000+ Students Turned Industry-Ready Professionals

- 4.5+ Star rating on Google from 325+ Happy customers

- Have our presence in over 4000+ colleges including top IITs, IIMs, NITs, IIITs etc

- Students from InternsForge are working in Top MNCs like IBM, Accenture, Innodata, Cognizant etc

CYBER SECURITY

What is Cyber Security ??

Hackers are cool?? Aren't they?? Just like those famous movie villains. Then who is the hero?? It's You!! The upcoming cyber security expert! Imagine being the digital guardian of the online world, keeping watch over data worth millions. Being the reason millions of people feel safe and secure using the internet. Cyber Security is all about being the hero who defends against hackers and cyber attacks, ensuring that everything stays secure and protected in the digital realm. It's like being a digital detective, solving mysteries and stopping cyber villains in their tracks to keep the internet safe for everyone.

Scope of Cyber Security ??

Congrats!! 🥳
You just made a great choice

Did You Know ??

- The global cybersecurity market size was valued at **USD 167.13 billion in 2020** and is projected to reach **USD 366.10 billion by 2028**, growing at a CAGR of 10.0% from 2021 to 2028. The global cost of cybercrime is estimated to reach **$6 trillion annually by 2021**, doubling the costs
- recorded in 2015. Venture capital investment in cybersecurity companies has been steadily increasing. In 2020, global VC investment in cybersecurity reached **$7.8 billion,** despite the economic challenges
- posed by the COVID-19 pandemic. There is a significant shortage of skilled cybersecurity professionals globally. According to the (ISC)² Cybersecurity Workforce Study, there were **3.12 million unfilled cybersecurity positions worldwide in 2020.**

Are We Really Different ??

'This is NOT a Course, This is a Commitment"

The internet is full of online courses- free as well as paid, college students have access to top professors and high quality study materials.

Still our unemployment ratio continues to grow.

At the same time, the stress and worry faced by today's college students reach the sky!

" Now it's time to leave all your worries up to us and experience a transformed way to learning "

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4 Gaps That We Fill for You

1 Learn From Your Idols

- **Learn from Your Idols Currently Working At Your Dream Jobs**
  You are already getting trained by top quality college professors, now time to cover the gap between theory and actual industry work. Get trained by professionals working at your dream jobs, get inspired, get guided, and get ready to reach your dreams.

- **Interactive-Live Classes**
  90% of the students never finish the online courses they enroll in. Get ready of an entirely different experience, where you learn while interacting with your mentors in a motivational environment where you can't wait for the next session. Get Inspired! Get Going!

2 Filling the Communication Gap

- **Special Emphasis on Your English Communication Skills**

  Even the most highly skilled professionals have reported not getting the job due to lack of effective English communication skills . Our focus will not only be to develop you industry-level skills but also efficient skills to present to the world everything you have learned confidently and fluently.

- **Group Discussion Sessions**

  Learn with the strongest tools-Practice. We will consistently arrange group discussions sessions where you can practice to put your thoughts out their with professionalism and fluency.

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- **Advanced Interview Preparation Tools**

  Get FREE access to our advanced interview preparation tool where you can:

  - Select the desired job role you want to interview for.
  - Answer the interview questions.
  - Get evaluation and feedback on your answers, tone, communication, expressions, confidence and everything the interviewer looks for.
  - Work on your shortcomings and use the tool regularly till you securely land your dream job.

- **Our Highly Efficient Job Portal**

  Get access to our own exemplary job portal which combines and brings for you all the latest job openings from each and every platform at together at one place.

- **Advanced Resume Building Sessions**

  Learn what MNCs look for in their ideal resumes customized to your desired job role and explore the secrets that sets apart a resume from the dense crowd of job seekers.

4 Experience Working on Live Industry Level Projects

- ## 4 Live Industry Level Projects

  There is a humongous difference between learning from your classroom, books, notes vs. having industry experience where you know the current industry demands and are an expert at fulfilling those demands.

  At InternsForge we make sure that your learning runs parallel to the applications of your learning, i.e right from the start till the end you are consistently applying everything you are learning in form of 4 main projects that are going on in the current industry.

- ## Projects Assigned and Guided by Industrial Mentors

  Since the purpose of this program is to get you industry ready. You will be assigned projects through your mentors who are working in the industry. You get to work on the projects that are highest in demand as per the industry requirements of the time you are taking the course.

  You get consistent guidance from your mentors with additional doubt clearing sessions as per your demand for the smooth running of your projects.

ROADMAP

Orientation Session
Within the first week of initial payment you will have your first orientation session where you will get an in-depth introduction to our process.
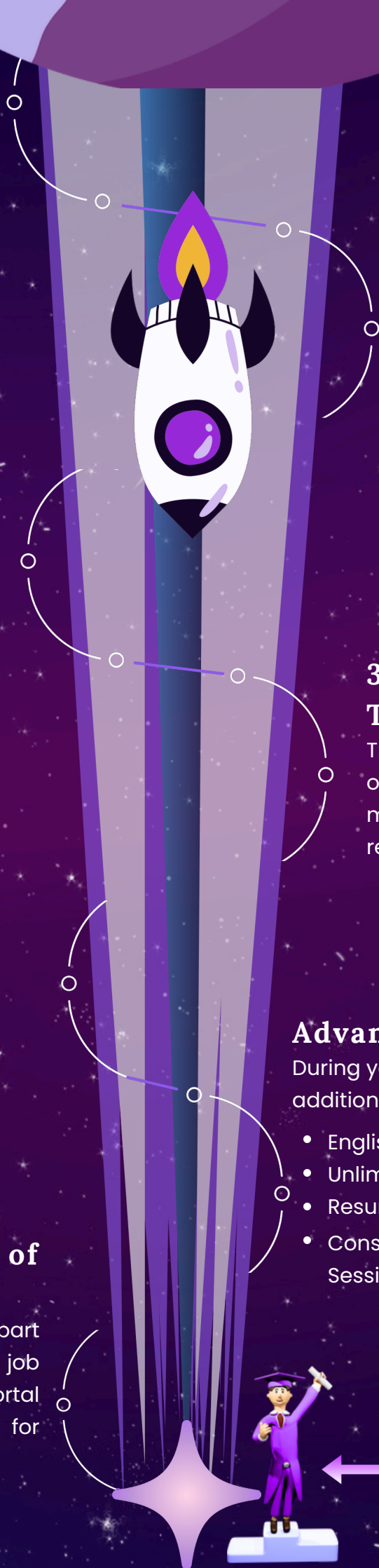
Introduction Webinar
Between 20 to 25th of the month, you will have your introduction webinar where you will get expert insights on the scope of the subject and your growth graph with the selected career.

3 Months of Intensive Training
Then we will start your 40+ hrs of intensive training. Where we make sure you are industry-ready.

During 3 Months of Intensive Training
During your training the following will be covered:
- 40+ hrs of interactive-live sessions with industry experts
- 4 Industry Level Projects
- Advanced Job Preparation

Advanced Job Preparation
During your training the following additional things will be covered:
- English Communication Training
- Unlimited Interview Practice
- Resume Building Training
- Constant Quiz & Questionnaire Sessions

After 40+ Hrs. of Intensive Training
- Certificates that sets you apart Access to the most efficient job portal Access to the AI portal where you can practice for interview sessions.

"The best version of you all set to conquer your Dreams"

Curriculum

MODULE 1

Introduction to Cyber Security

- *Definition, importance, and scope*
- *Types of Cyber Threats*
- *Basic Concepts of CIA*
- *Cybersecurity Ethics, Principles and Best Practices*
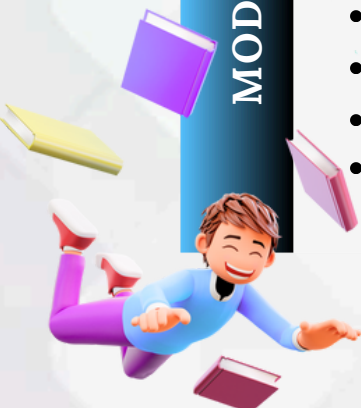
MODULE 2

Introduction to Linux :

- *Basic commands*
- *Networking commands*
- *Service and logs.*
- *System Administration Commands*
- *Linux File system / Directory's*

MODULE 3

Introduction to Windows

- *Access Control Types, Permissions, and UAC*
- *Windows Firewall and Windows Defender*
- *Windows Remote Management and RDP*
- *Basic CMD Commands and Batch Scripting*
- *Introduction to PowerShell*
- *Using CMD and PowerShell for System*
- *Administration and Basic Security Tasks*

Curriculum

MODULE 4

Introduction to Networking

- *Types of networks Understanding network*
- *topologies Introduction to Network Protocols*
- *and Ports IP Addressing and Subnetting*
- *Firewall and its configuration.*

MODULE 5

Ethical Hacking :

- *Footprinting, Reconnaissance, and Enumeration*
- *Vulnerability Assessment and Reporting.*
- *Windows and Linux System Hacking*
- *Password Cracking and hashing*
- *Wireshark and Network testing*
- *Wireless Network Hacking*
- *Digital Forensics.*
- *Cloud Computing and Security AWS/Azure*
- *Tor, Anonymous and Proxy service's*

Curriculum

MODULE 6

Web Application Security / Hacking / Penetration testing:

- Introduction to Web Hacking
- Introduction to Burp Suite
- Fuzzing & Directory Enumeration
- Subdomain Enumeration
- Authentication Bypass
- File inclusion Vulnerability.
- File upload vulnerability.
- Cross-site Scripting XSS
- Command Injection
- Sql Injection
- OWASP TOP 10-2021

MODULE 7

SOC and SIEM:

- Security Operations Center (SOC)
- Security Incident and Event Management SIEM)
- Tools, installation, and configuration
- Building IDS, Firewalls, and Honeypots
- Deployment and monitoring
- Documenting and Reporting.

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Curriculum

MODULE 8

RED/BLUE/PURPLE Team Hacking Scenarios:

- Blue Team Defense.
- Red Team Offensive testing.
- Purple Team Organization Task.

MODULE 9

Offensive Penetration Testing

- Attacking real world Vulnerable Service's
- Testing web application for Vulnerability Finding.
- Anonymity, Dark web, and secure communication.

MODULE 10

Comprehensive Security Checklists for Auditing, testing

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Curriculum

MODULE 11

Resume Building & Interview Sessions

MODULE 12

Course Wrap up with Main Project.

Some Main Framework and Tools used during the course:

Virtual Box, VMware workstation, WSL, ASW and Azure Account, Windows and ubuntu VM's, Docker, Kali Linux VM, Metasploit-framework, Nessus Pro, OpenVAS, Burp suite, Nikto, ZAP proxy, Wireshark, Nmap and Zenmap, Autopsy, Splunk, Wazuh, Suricata, Snort

Note:

- *More then 50+ tools*
- *Python + bash tool from Git-Hub till end to the session.*

THANK YOU

For More Details :

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