Cyber Security

with AI 🌙

🔒

BROCHURE & CURRICULUM

2026

DEGEN DEN
ACADEMY

#StandOutFromTheCrowd

Global **Cyber Security** Market (USD Billion)

$534 B
2030

Size

600
500
400
300
200
100
0

$193	$214	$234	$267	$300	$330	$351	$390	$427	$474	$534
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032

Year
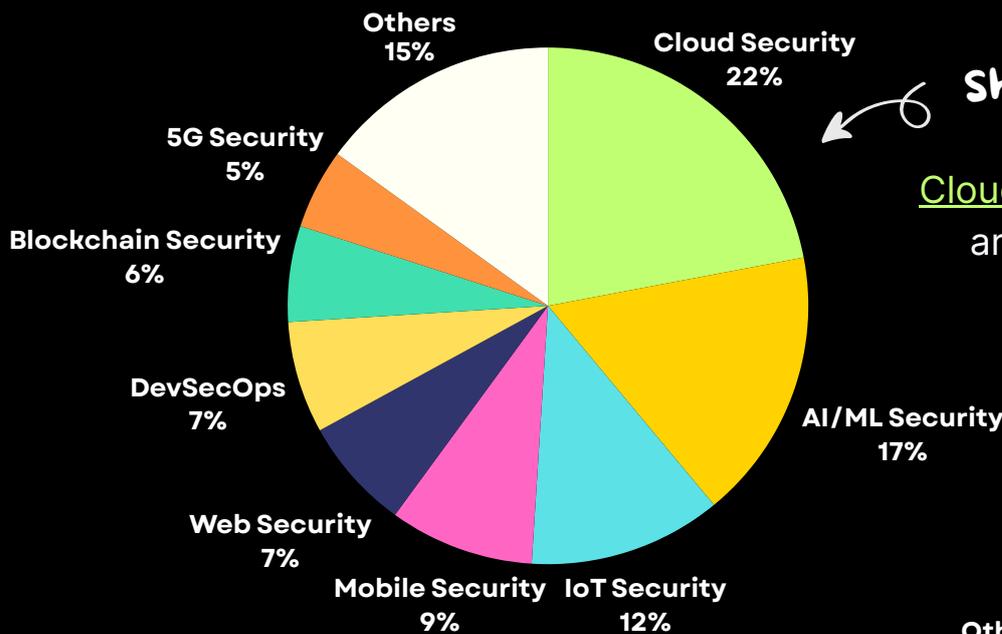
Projected Global Market Share by Technology in 2030

Cloud Security and AI/ML Security are major areas of focus within the cybersecurity market.

Others 15%
Cloud Security 22%
5G Security 5%
Blockchain Security 6%
DevSecOps 7%
Web Security 7%
Mobile Security 9%
IoT Security 12%
AI/ML Security 17%

Finance and healthcare heavily invest in cybersecurity to protect sensitive data.
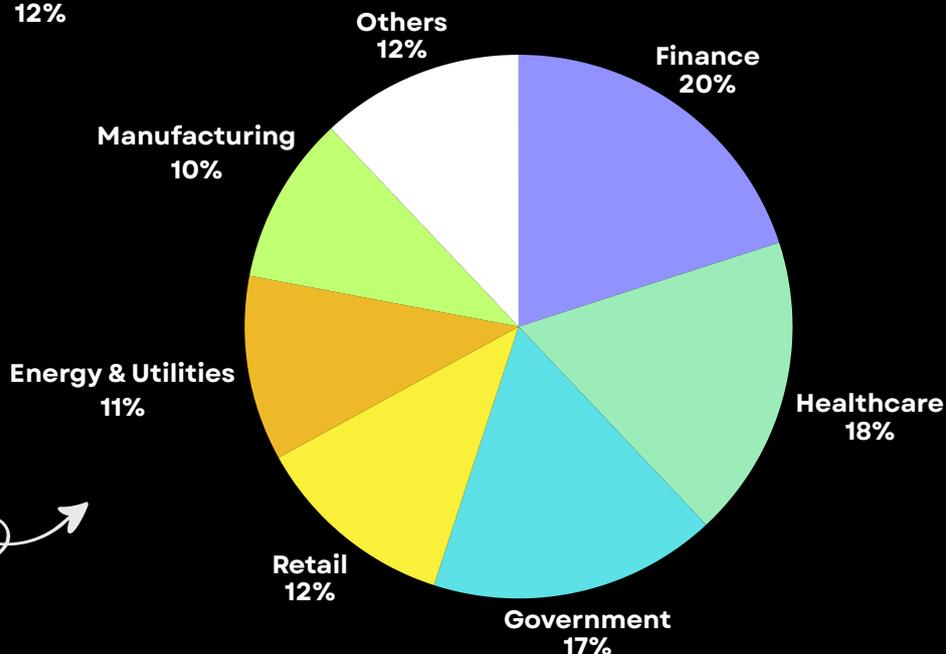
Projected Global Market Share by Industry in 2030

Others 12%
Manufacturing 10%
Finance 20%
Energy & Utilities 11%
Healthcare 18%
Retail 12%
Government 17%

Jobs Growth for Cybersecurity Professionals in India (2023-2030)

Demand (in millions)

Year

| | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
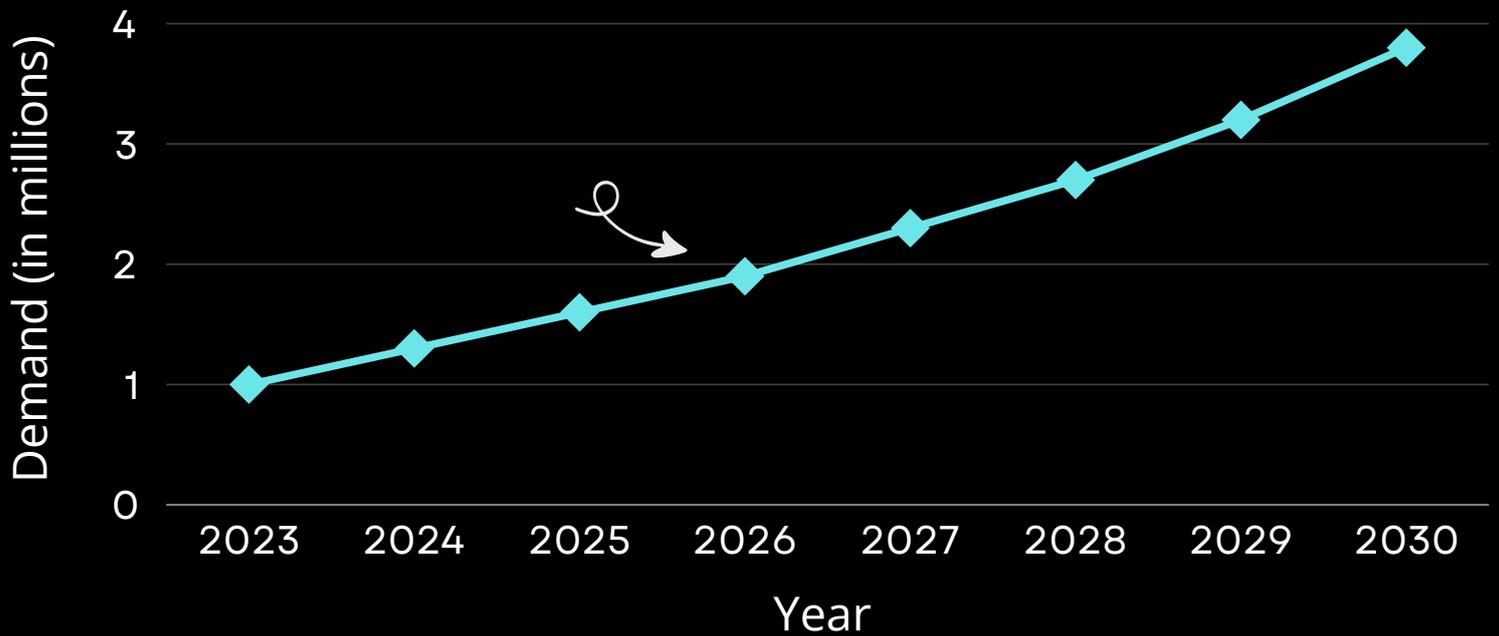
Here are the top 7 entry-level cybersecurity roles in India

- SOC Analyst — 3.5 LPA
- Network Security Associate — 3.8 LPA
- Cybersecurity Analyst — 4 LPA
- Penetration Tester — 4.3 LPA
- IT Security Specialist — 4.5 LPA
- Junior Security Consultant — 4.8 LPA
- Cyber Security Engineer — 5.0 LPA
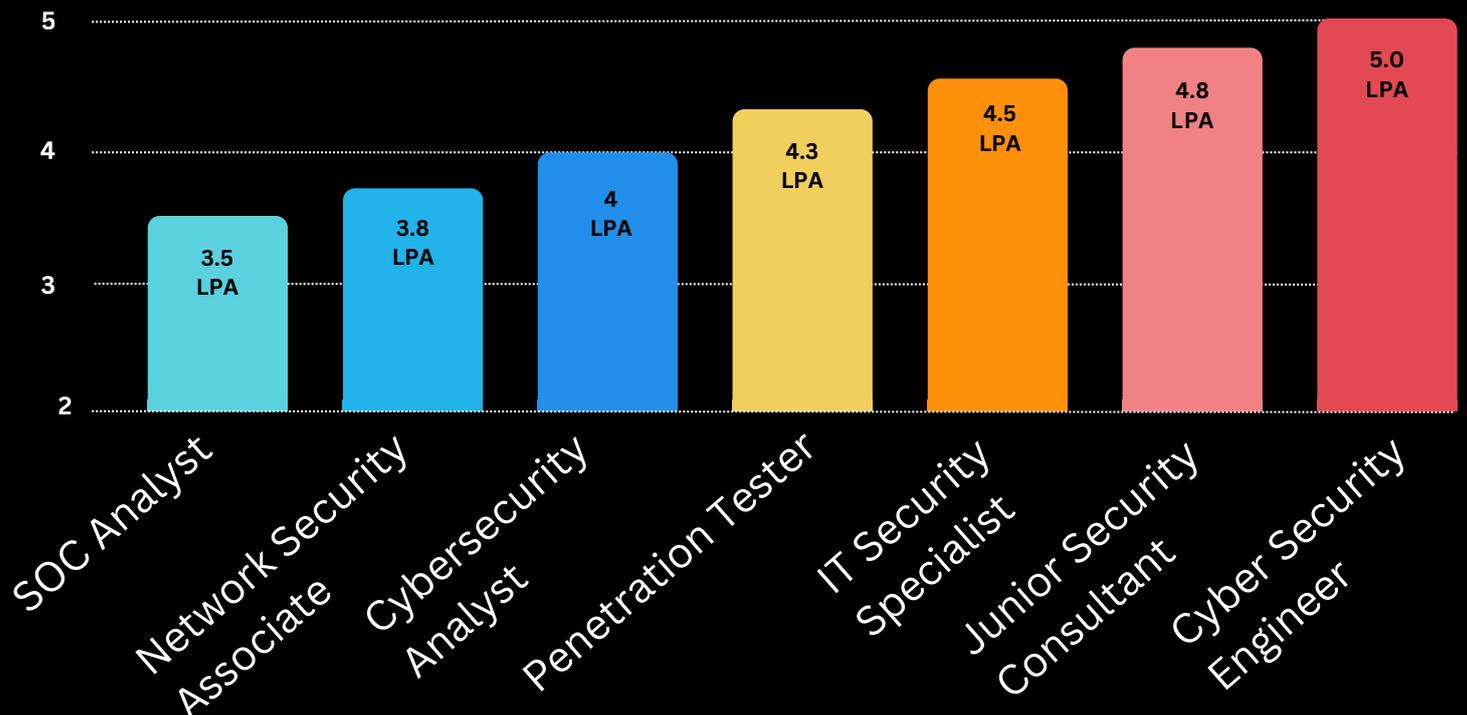
Average Salary in India: 3LPA to 5LPA

Cyber Security
Roles & Responsibilities

01 Cybersecurity Analyst
Watch for threats, fix issues, and keep data safe.

02 SOC Analyst
Monitor networks, respond to problems, and log what happens.

03 Penetration Tester
Test systems for weaknesses, find risks, and suggest fixes.

04 NetSec Engineer
Protect networks, manage firewalls, and block unauthorized access.

05 IT Security Specialist
Set up security measures, respond to attacks, and secure IT systems
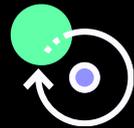
06 Security Consultant
Advise companies on security & improvements and assess risks.

07 Compliance Analyst
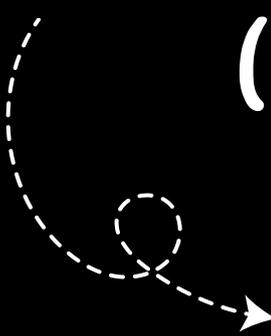Ensure security rules and standards are followed, and perform checks.

08 Security Engineer
Build strong security systems and include security in all processes.

Cyber Security Job Requirements: Here's What Companies Seek (Just a few)

- network protocols, firewalls, and VPNs

- Proficiency in **Python** or **Bash** for scripting and automation.

- Knowledge of cybersecurity frameworks and compliance (e.g., ISO 27001, NIST).

- Experience with SIEM tools

- Experience in incident response and digital forensics.

- Familiarity with encryption, authentication, and access control mechanisms.

AI as a Cybersecurity Attacker

Automated Malware Creation

AI generates sophisticated malware automatically.

Adversarial AI

AI used to trick or defeat other AI defenses.
AI vs AI

AI-Powered Phishing

AI personalizes phishing strategies and scales phishing attacks.

Evading Defenses

AI adapts to bypass security measures and break into firewalls.

AI as a Cybersecurity Defender

Proactive Defense

AI anticipates and blocks threats before they occur.

Continuous Monitoring

AI constantly scans for anomalies and hacks in real-time.

Automated Incident Response

AI automates the response to security breaches.

Advanced Threat Hunting

AI detects hidden threats and vulnerabilities that humans might miss.

Who We Are

Degen Den Academy is the training & research hub of the Degen Den XYZ ecosystem, Where We focus on Deep Techs like AI, Cyber Security, Blockchain & Crypto and Quantum Computing.

- **3-Month training Programs:**
  - Learn fast with clear roadmaps, tailored for beginners.

- **Hands-On Learning:**
  - Build real-world skills through interactive classes & labs.

- **Deep Tech Focus:**
  - Master AI, Blockchain & Quantum Computing as well.

- **Part of the Degen Den Cult:**
  - Connect with a group of people who think differently.
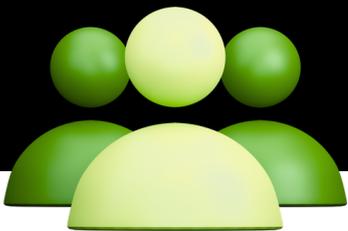
DEGEN DEN DAO
Funds, governs, and connects the entire ecosystem.

DEGEN DEN LABS
Builds innovative tools, platforms, and products.

DEGEN DEN ACADEMY
Offers 3-Month LIVE deep-tech training programs for beginners.

Our Training Program Overview

Our training program is perfect for **beginners** wanting to explore **Cyber Security** from the **ground up**, with **step-by-step** guidance.

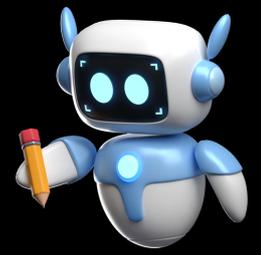|			
📅	**Duration** 3 Months	🕐	**Mon-Fri** 1 Hr Class
💻	**Class Mode** ONLINE	🖥️	**Class Type** LIVE Class

✅ Practical - Project - Based Roadmap

✅ Beginner Friendly with Zero Prerequisites

✅ Part of Degen Den XYZ EcoSystem

✅ Life Time Career Guidance & Support

The 4 Pillars of Cyber Security with AI

1 Cybersecurity Foundations

- ✅ Networking Basics : Switches, Routers, Subnets
- ✅ Network Security: OSI, TCP/IP, Firewalls, VPNs
- ✅ Wireshark, Nmap, Basic Python Scripting
- ✅ API's Understanding & It's Security
- ✅ Cryptography : Encryption, Decryption & Keys
- ✅ Malware, Phishing, Zero-Day Exploits
- ✅ OS Security: Windows & Linux Security
- ✅ Data Protection Techniques
- ✅ Incident Response Fundamentals
- ✅ GDPR, ISO 27001 Compliance & Standards

2 Ethical Hacking

- ✅ Ethical Hacking Principles
- ✅ Penetration Testing Methodology
- ✅ OWASP Top 10, SQL Injection, Prompt injection
- ✅ Social Engg : Phishing, Pretexting, Baiting
- ✅ Web App Security: Burp Suite, OWASP ZAP
- ✅ Password Cracking Techniques
- ✅ Wireless Network Security: WPA/WPA2, WiFi
- ✅ Network Sniffing, ARP Spoofing, DNS Spoofing
- ✅ Exploitation with Metasploit & APTs
- ✅ Deepfake AI Ethical Hacking
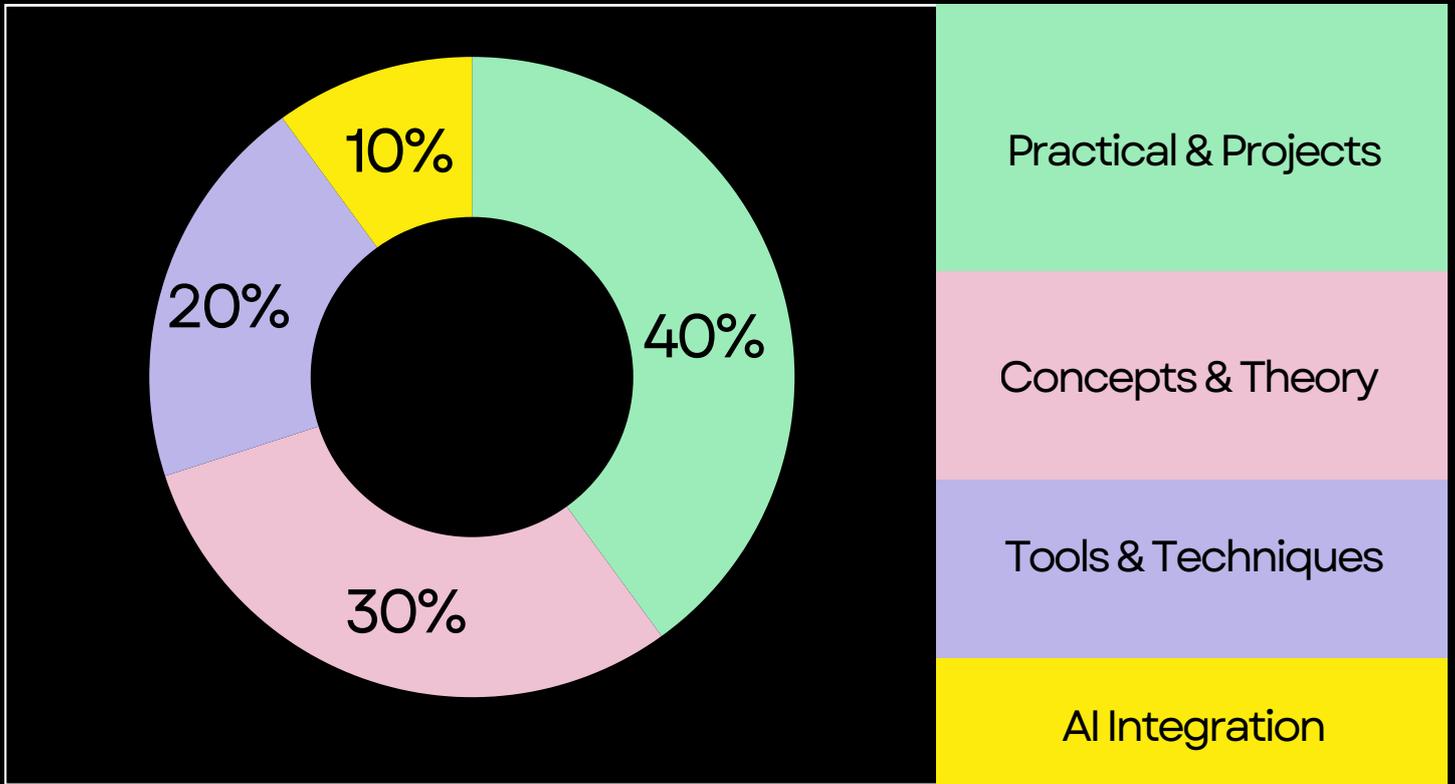
3 Defensive Security

- ✅ Defensive Security Strategies
- ✅ Security Information and Event Management
- ✅ Incident Response Planning & Playbooks
- ✅ Intrusion Detection and Prevention (IDPS)
- ✅ AI Threat Intelligence, Hunting & Analysis,
- ✅ Endpoint Security: Antivirus, EDR Solutions
- ✅ Network Security Monitoring
- ✅ Patch Management & Patching Strategies
- ✅ Digital Forensics: Evidence Collection
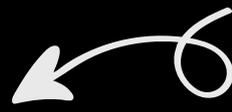- ✅ Phishing Simulations, Employee Education

4 Degen Den's Special

- ✅ AI/ML for Offensive & Defensive Security
- ✅ LLM jailbreak attacks & analysis
- ✅ Deep Fake Social Engineering & Poisoning
- ✅ AI agents for security tasks & flows
- ✅ Blockchain Principals & Security
- ✅ Cognitive Attack Surface Mapping (CASM™)
- ✅ Autonomous Threat Simulation (ATS™)
- ✅ Adaptive Defense Architectures (ADA™)
- ✅ AI Agent Hardening Protocols (AAHP™)
- ✅ Decision-Layer Security (DLS™)

Majority of our learning comes from real-world cyber incidents and hands-on practice. Over **40%** is dedicated to practical, real-world projects.

40%	Practical & Projects
30%	Concepts & Theory
20%	Tools & Techniques
10%	AI Integration

All necessary tools and platforms to practice cybersecurity will be provided.

DEGEN DEN HACKING PLATFORM

WIRESHARK
KALI LINUX
NMAP
John
Aircrack-ng

Metasploit

OpenVAS
Open Vulnerability Assessment System

Burp Suite

AUTOPSY DIGITAL FORENSICS
OPENSTEGO

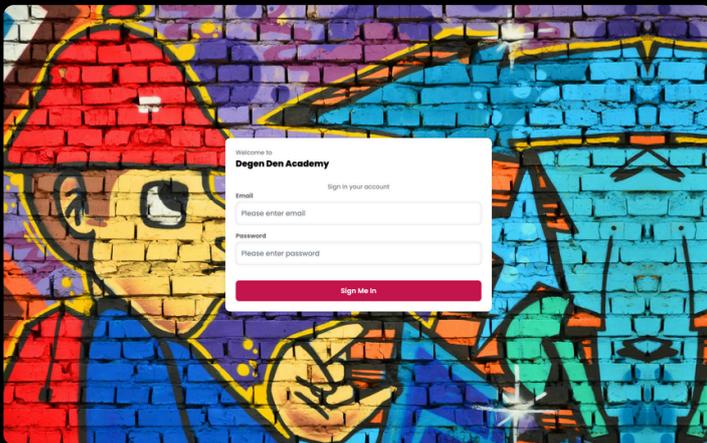AWS Security Tools
Cisco Packet Tracer

CLAUDE CODE

AND MORE......

Our Learning <u>Platform</u>

A <u>digital space</u> where all your LIVE class recordings 🎥, notes 📝, projects 📊, challenges 🧠, and other helpful resources 📚 are neatly organised.

A <u>one-stop-solution</u> designed to elevate your learning experience 📈 and connect with other learners 🤝.

Just use the <u>login credentials</u> provided during signup to access our LMS forever – your hub for all things in Cyber Security with AI & Gen AI 🚀.

Join your <u>next class</u> effortlessly and catch up on all previous sessions here. Seamless learning, right at your fingertips! 📚
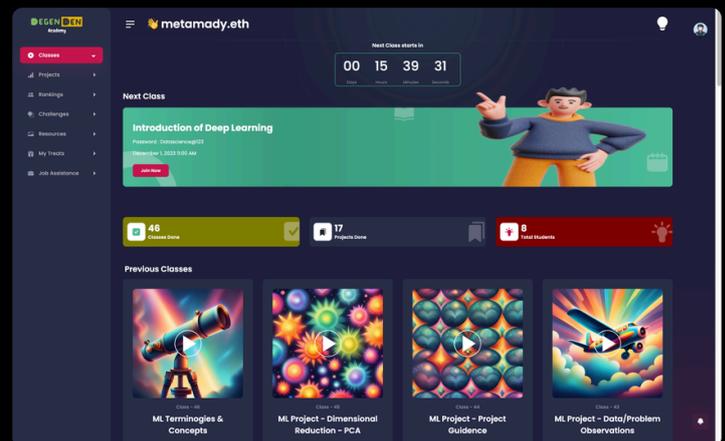
Discover <u>a gallery of projects</u> crafted by all students from past and future batches, including your own projects. 🌟 It's a space to draw inspiration! 🎨
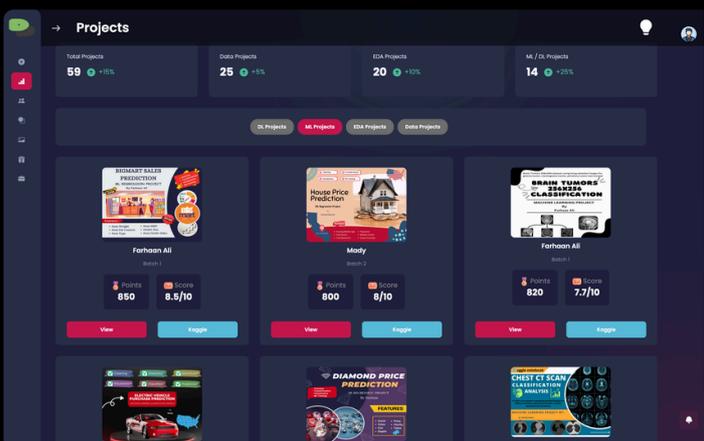
Our Hacking **Platform**

Degen Den Academy — Cyber Security Lab

Where minds meet malware — safely.

⚔ Attack Simulations ↓

🩸 SQL Injection
Exploit unsanitized inputs to access or corrupt…

🔐 Hash Cracking
Generate & attempt to crack hashes & passwords safely.

📶 WiFi Hacking
Capture handshake, attempt crack, deauth and evil…

🔑 Encrypt & Decrypt
Understand how encryption and decryption works.

🧬 XSS Attack
Inject malicious scripts into trusted websites.

🚨 Proxy API
Trick users into revealing credentials via fake pages.

👂 MITM
Intercept and manipulate data between two parties.

🎣 Phishing
Trick users into revealing credentials via fake pages.

HTTPS//HACK.DEGENDEN.XYZ

A hands-on cybersecurity practice lab for ethical hackers and cyber security learners

🩸 SQL Injection Simulator

admin

••••••••••

[Send] [Reset]

Terminal Output

```
Ready.
[Request]: Attempting login... username='admin'
password='test123'
[Response]: ❌ Invalid credentials.
[Request]: Attempting login... username='admin'
password='admin'
[Response]: ❌ Invalid credentials.
[Request]: Attempting login... username='admin'
password='' OR '1'='1'
[Response]: ☑ Welcome, admin! Login successful.
```

Educational simulator — never test real sites. Only safe for lab.

CERTIFICATE OF COMPLETION
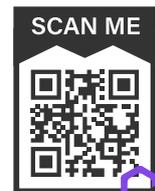
THIS CERTIFICATE IS PROUDLY PRESENTED TO

Your name here

has successfully completed the **Cyber Security with AI Program** with 4 projects, with a project score of **8.6** at Degen Den Academy.

GRADUATED
2025

SCAN ME

madhu

metamady

Madhu Sanjeevi
Approved Trainer

metamady.eth
Founder & CEO

NFT

NFT Degree Certification

For **Above Average Performers** throughout the program, we offer a unique **Non-Fungible Token (NFT)** Degree Certification After The Program.

This certification comes with **several benefits**:

- **Ownership :** You own <u>a small percentage</u> of our company
- **Exclusive Rewards**: Incentives for exceptional performance.
- **Elite Community**: Networking with top achievers.
- **Recognition**: Acknowledgment of dedication and skill mastery.
- **Support**: Continuous love & assistance for career success.

Why Should you Join DEGEN DEN ?

- **We're not for <u>everyone</u> – and that's the point.**
  - Degen Den is built for the <u>smart</u>, the curious, and the ones who <u>refuse</u> average.

- **<u>Dumb</u> people chase jobs. Smart people build skills**
  - We don't teach you to look for <u>work</u> – we train you to create <u>opportunity</u>. 0% Job Assistance. Period.

- **Because your <u>TIME</u> is your most valuable currency**
  - You <u>save years</u> of confusion by learning the right way, fast & <u>effective</u>.

- **All academies teach what <u>exists</u> on internet**
  - Degen Den Academy creates what's never been seen before on internet – because it's our <u>ART</u>.

Contact

DEGEN DEN
ACADEMY

📞 **+91 74 168 152 37**

🌐 **academy.degenden.xyz**

Registrations are open
Secure **your spot** for the **upcoming** batch today!

Referral Code

Join Our **Cyber Security**
Program Today!

Use Referral Code:
"CSAI2026DD"

Get a discount for them,
a prize for you!

'username' as password, 'password' as username

Nice, My account got hacked!