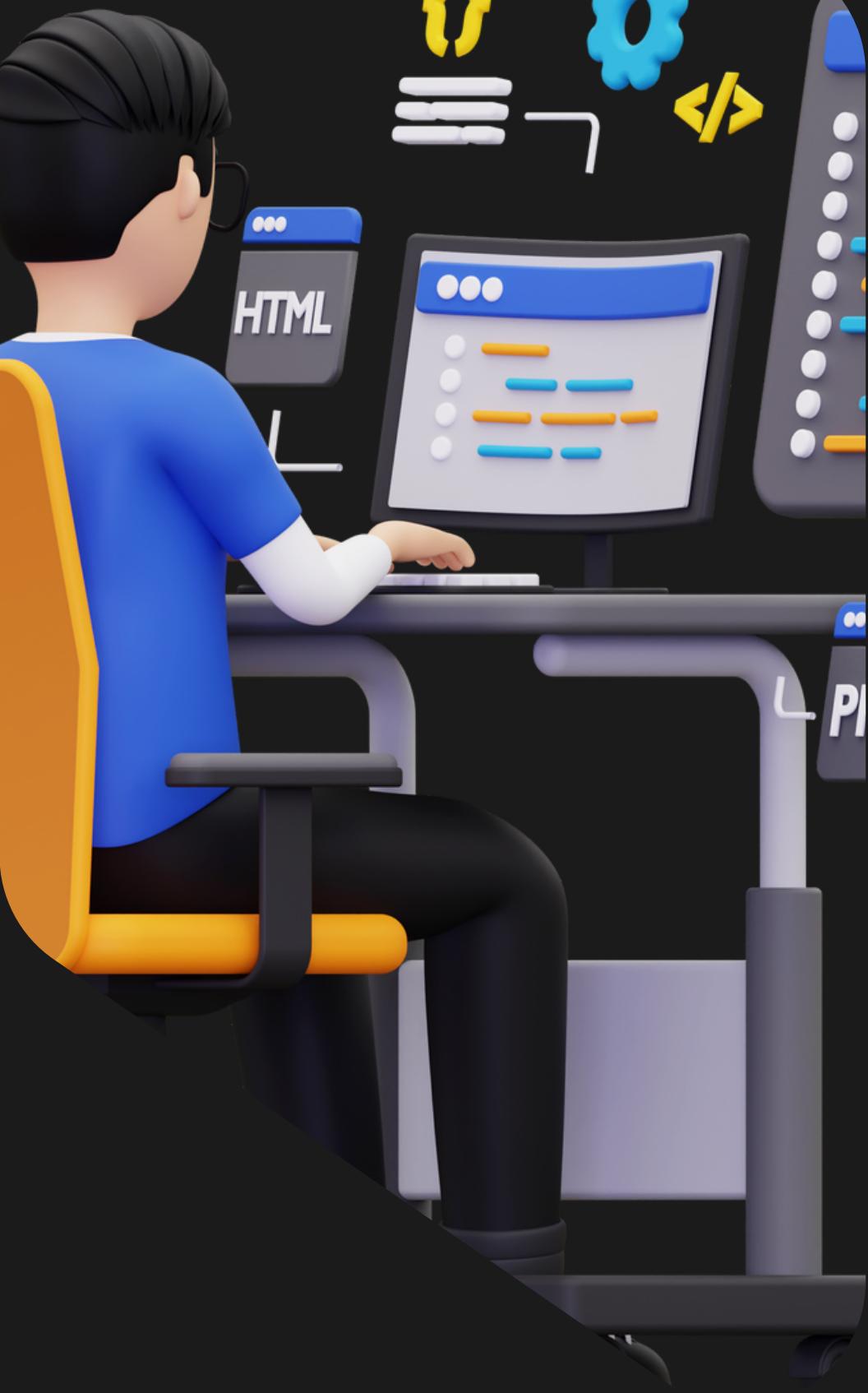




www.codealpha.tech

# CODE ALPHA



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## ABOUT US



This is very important as internship programs provide comprehensive experience and knowledge to the students, giving them real and relevant work experience.

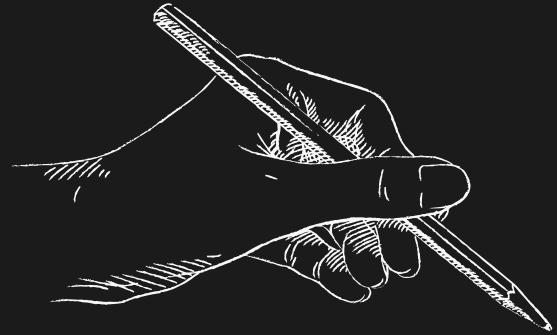
CodeAlpha is a leading software development company dedicated to fostering talent and innovation in various domains. With a strong commitment to excellence, we offer internship opportunities that provide hands-on experience in cutting-edge technologies and a dynamic work environment.

# INTERNSHIP PERKS



- Internship Offer letter
- Internship Completion Certificate
- QR Verified Certificate
- Unique ID Certificate
- LOR Based on Performance
- Job Opportunities/Placement Support
- Resume Building

# INSTRUCTION



- Share your intern status on LinkedIn by mentioning @CodeAlpha.
- Complete Assigned Projects within the mentioned period of time.
- Upload Your whole source code on GitHub by creating repository named CodeAlpha\_Project\_Name.
- Update your Project completion on LinkedIn with a video explanation and share the GitHub project repository link.
- You will be provided task and In a given time and have to complete that task and submit via Submission form .
- You will be provided four task in all domains but you have to complete only three in your domain (Select three Task).



# INSPIRING QUOTES

You  
DON'T  
NEED TO BE  
AN EXPERT  
TO DO  
SOMETHING  
GREAT

# CYBER SECURITY

## TASK LIST

CodeAlpha offers internship opportunities in the field of cyber security, providing you with a chance to become a skilled and hands-on cyber security professional. We will provide you projects, allowing you to tackle real-world cyber security challenges and apply your knowledge effectively..



# TASK 1

## Basic Network Sniffer

Build a network sniffer in Python that captures and analyzes network traffic. This project will help you understand how data flows on a network and how network packets are structured.



## TASK 2

### Phishing Awareness Training

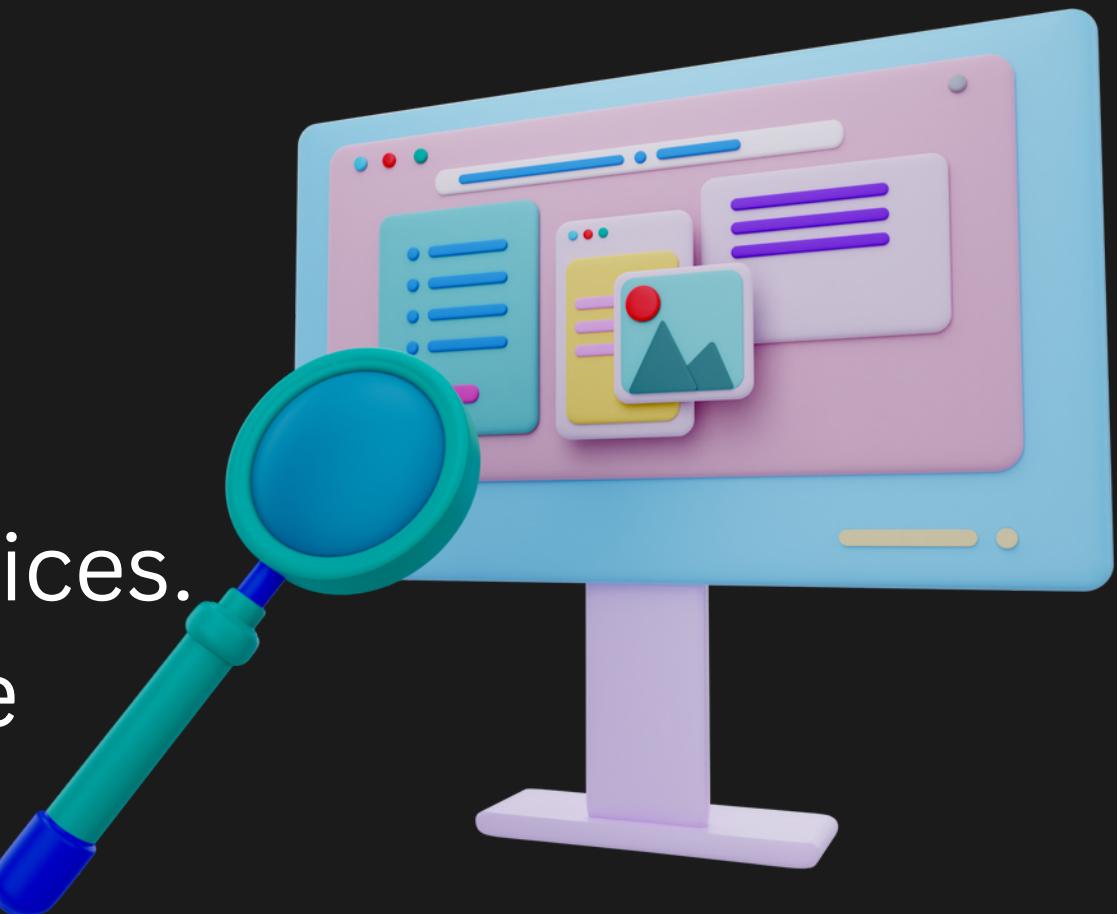
Create a presentation or online training module about phishing attacks. Educate others about recognizing and avoiding phishing emails, websites, and social engineering tactics



# TASK 3

## Secure Coding Review

Choose a programming language and application.  
Review the code for security vulnerabilities and  
provide recommendations for secure coding practices.  
Use tools like static code analyzers or manual code  
review.



# TASK 4

## Network Intrusion Detection System

Develop a network-based intrusion detection system using tools like Snort or Suricata. Set up rules and alerts to identify and respond to suspicious network activity. You can even visualize the detected attacks.



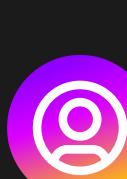
# SUBMISSION DETAILS

You will have to provided task submission in 15 days during your internship period

It's essential for each intern to complete any three in the assigned tasks. If someone completes only two or one tasks, their internship may be considered incomplete or certificate will not be provided, So Please make sure to fulfill all three tasks assigned to you and submit in Submission form to ensure a successful Internship.

# CONTACT US



-  services.codealpha@gmail.com
-  +91 9336576683
-  www.codealpha.tech
-  CodeAlpha
-  CodeAlphaOfficial
-  icodealpha

