CODTECH

INTERNSHIP

TASKS

CLOUD COMPUTING
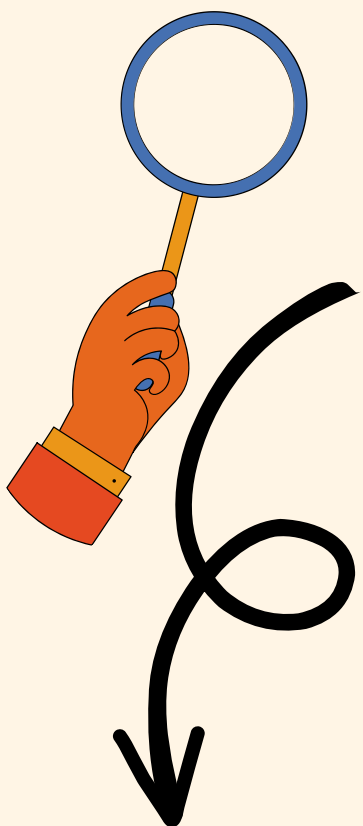
NOTE:

- MUST ATTEMPT FOUR OUT FOUR TASKS
- SUBMIT BEFORE DEADLINE
- USE INTERNET RESOURCES
- FOLLOW GROUP UPDATES

COMPLETION CERTFICATE WILL BE ISSUED ON YOUR INTERNSHIP END DATE .

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TASK -1

CLOUD STORAGE SETUP

INSTRUCTIONS:

- CREATE AND CONFIGURE CLOUD STORAGE ON AWS S3 OR GOOGLE CLOUD STORAGE.

- DELIVERABLE: A BUCKET SETUP WITH EXAMPLE FILES UPLOADED AND ACCESS PERMISSIONS CONFIGURED.

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TASK -2

CLOUD MONITORING AND ALERTS

INSTRUCTIONS:

- SET UP MONITORING FOR A CLOUD-BASED APPLICATION USING AWS CLOUDWATCH, GOOGLE CLOUD MONITORING, OR AZURE MONITOR.

- DELIVERABLE: CONFIGURED ALERTS AND A DASHBOARD SHOWCASING METRICS.

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TASK -3

MULTI-CLOUD ARCHITECTURE

INSTRUCTIONS:

- DESIGN A MULTI-CLOUD ARCHITECTURE WHERE SERVICES ARE DISTRIBUTED ACROSS TWO CLOUD PROVIDERS.

- DELIVERABLE: A DOCUMENTATION AND DEMO SHOWCASING INTEROPERABILITY BETWEEN THE PLATFORMS

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TASK -4

CLOUD SECURITY IMPLEMENTATION

INSTRUCTIONS:

- IMPLEMENT IAM POLICIES, SECURE STORAGE, AND DATA ENCRYPTION ON A CLOUD PLATFORM.

- DELIVERABLE: CONFIGURED SECURITY POLICIES AND A REPORT DETAILING THE SETUP

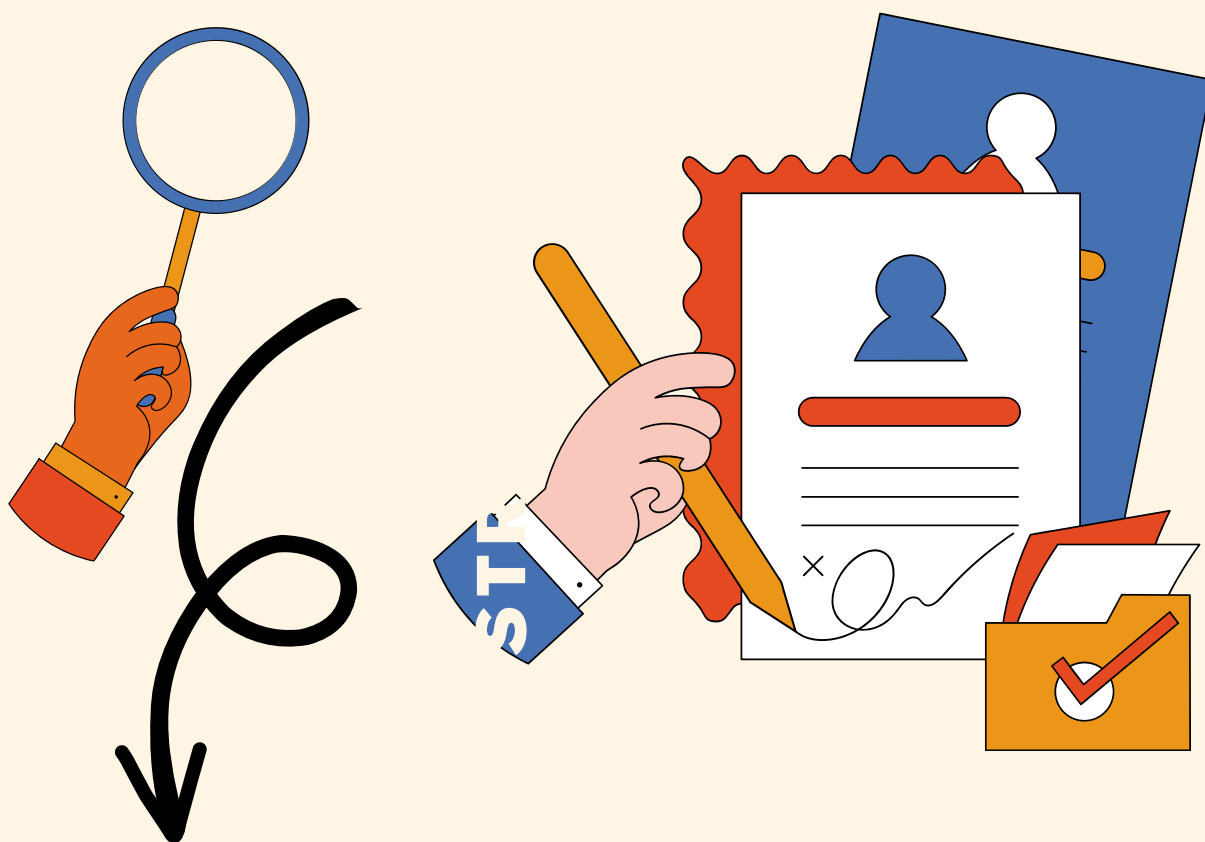COMPLETION CERTFICATE WILL BE ISSUED ON Y0UR INTERNSHIP END DATE .

CODTECH

INSTRUCTIONS

- STORE ALL YOUR WORK-RELATED CODE AND FILES IN A GITHUB REPOSITORY.
- MAINTAIN PROPER COMMENTING IN YOUR CODE FOR BETTER UNDERSTANDING AND READABILITY.
- USE RESOURCES LIKE YOUTUBE, GOOGLE, AND CHATGPT TO HELP YOU COMPLETE TASKS EFFICIENTLY.
- FOLLOW THE VIDEO GUIDANCE PROVIDED IN WHATSAPP WHILE SUBMITTING YOUR TASKS.
- COMPLETE ALL FOUR TASKS AND SUBMIT THEM WITHIN THE DEADLINE WHILE WORKING AT YOUR CONVENIENCE.

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CODTECH IT SOLUTIONS

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