



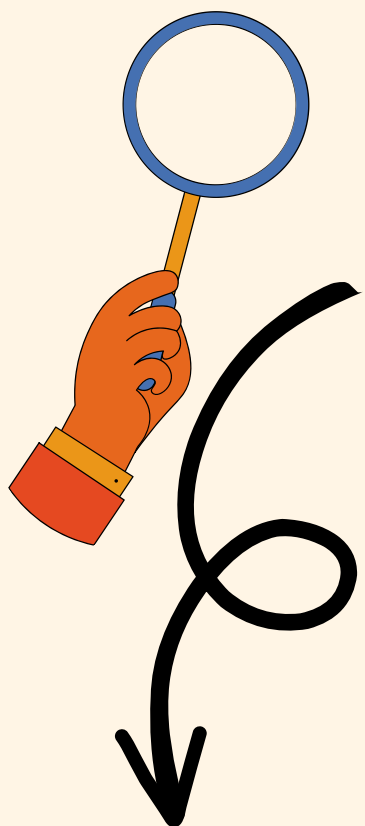
CODTECH

INTERNSHIP





TASKS



FULL STACK DEVELOPMENT



NOTE:

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

COMPLETION CERTIFICATE WILL BE
ISSUED ON YOUR INTERNSHIP
END DATE .

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TASK -1



API INTEGRATION



INSTRUCTIONS:

DEVELOP A WEBPAGE THAT FETCHES AND DISPLAYS DATA FROM A PUBLIC API (E.G., WEATHER, NEWS).

DELIVERABLE: A RESPONSIVE WEBPAGE WITH API DATA DYNAMICALLY LOADED AND DISPLAYED.

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TASK -2



CHAT APPLICATION



INSTRUCTIONS:

- DEVELOP A REAL-TIME CHAT APPLICATION USING WEBSOCKET OR SOCKET.IO.

- DELIVERABLE: A LIVE CHAT APP WITH FRONTEND AND BACKEND INTEGRATION

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TASK -3



REAL-TIME

COLLABORATIVE

DOCUMENT

EDITOR



INSTRUCTIONS:

- USE FRAMEWORKS LIKE REACT.JS OR VUE.JS FOR A DYNAMIC AND RESPONSIVE UI.

- USE NODE.JS, PYTHON (DJANGO/FLASK), OR A SIMILAR BACKEND FRAMEKEWORK.

- USE MONGODB OR POSTGRESQL FOR DATA STORAGE.

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TASK -4



CHROME EXTENSION FOR TIME TRACKING AND PRODUCTIVITY ANALYTICS

INSTRUCTIONS:



- DEVELOP A CHROME EXTENSION THAT TRACKS THE TIME SPENT ON DIFFERENT WEBSITES AND PROVIDES
- PRODUCTIVITY ANALYTICS. THE EXTENSION WILL HAVE A BACKEND TO STORE USER DATA AND A DASHBOARD FOR ANALYTICS. THE TOOL CAN CLASSIFY WEBSITES AS
- PRODUCTIVE (E.G., CODING PLATFORMS) OR UNPRODUCTIVE (E.G., SOCIAL MEDIA) AND PROVIDE
- WEEKLY PRODUCTIVITY REPORT

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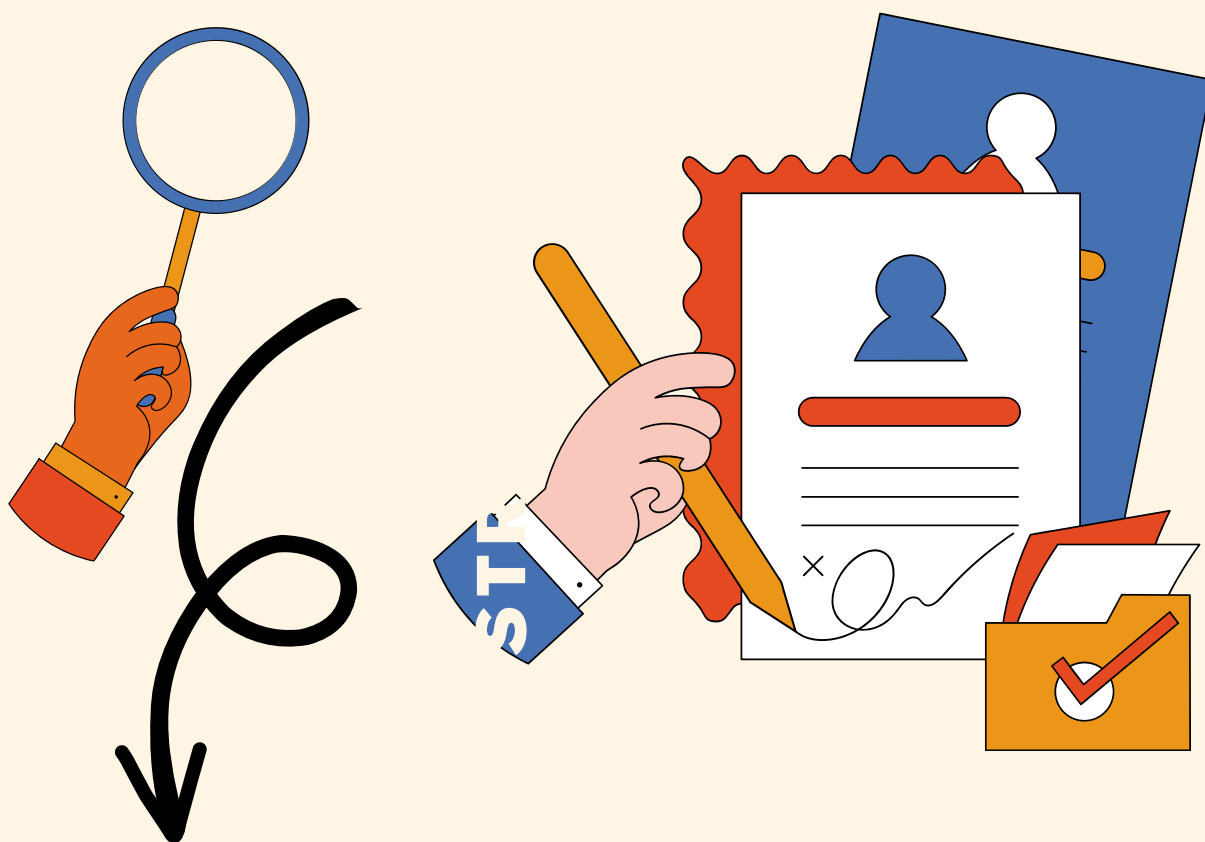
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INSTRUCTIONS

- **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.**



**COMPLETION CERTIFICATE WILL BE
ISSUED ON YOUR INTERNSHIP
END DATE .**

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