



# ELiteTEch Intern

Learn -- Innovate -- Thrive

Internship Program

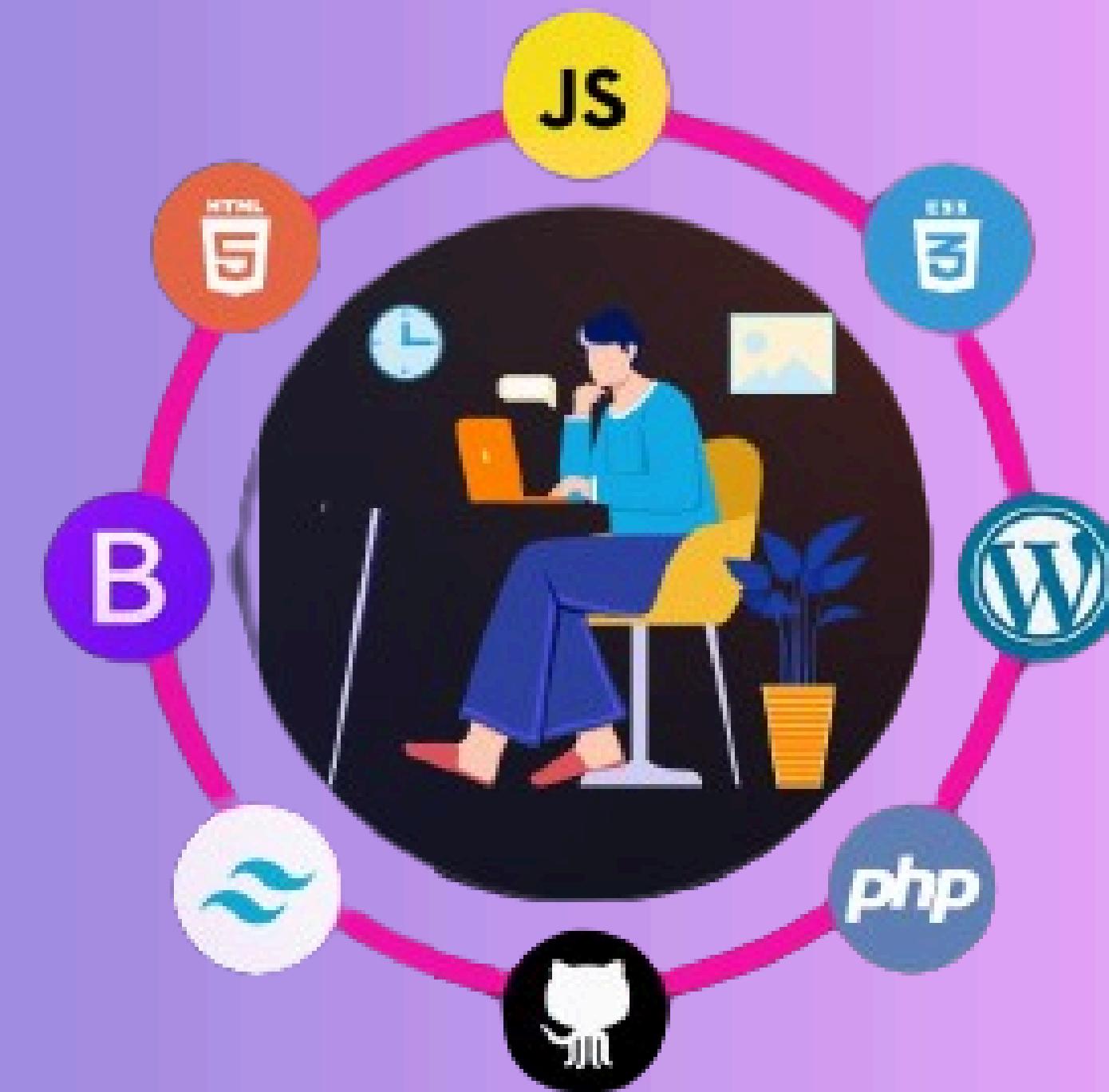


Tech Intern

# TASK INSTRUCTION

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

# FULL STACK DEVELOPER



# TASK

# 1



## API INTEGRATION

- 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.

COMPLETION CERTIFICATE WILL BE  
ISSUED AFTER THE END OF THE  
INTERNSHIP

# TASK

## 2



## CHAT APPLICATION

- DEVELOP A REAL-TIME CHAT APPLICATION USING WEBSOCKET OR SOCKET.IO.
- DELIVERABLE: A LIVE CHAT APP WITH FRONTEND AND BACKEND INTEGRATION

COMPLETION CERTIFICATE WILL BE  
ISSUED AFTER THE END OF THE  
INTERNSHIP



# TASK

# 3



## REAL-TIME COLLABORATIVE DOCUMENT EDITOR

- USE FRAMEWORKS LIKE REACT.JS OR VUE.JS FOR A DYNAMIC AND RESPONSIVE UI.
- USE NODE.JS, PYTHON (DJANGO/FLASK), OR A SIMILAR BACKEND FRAMEWORK.
- USE MONGODB OR POSTGRESQL FOR DATA STORAGE.

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# TASK

4

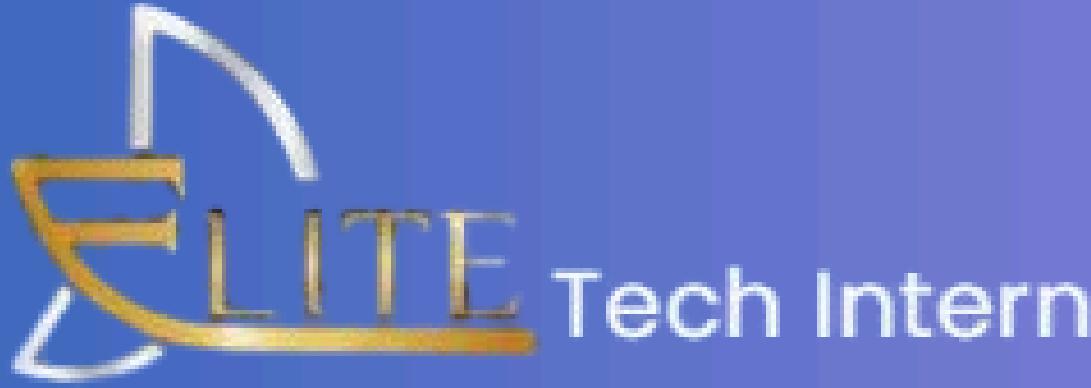


## CHROME EXTENSION FOR TIME TRACKING AND PRODUCTIVITY ANALYTICS

- 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 REPORTS.

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# INSTRUCTION

- 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.

# ASK US FOR HELP!



**THE PURPOSE OF  
THIS INTERNSHIP  
IS  
TO LEARN AND  
GROW**

**PERSONAL  
DEVELOPMENT**

**THIS INTERNSHIP  
WILL HELP YOU TO  
ENHANCE YOUR  
EMPLOYABILITY  
PROSPECTS AND  
RAISE YOUR  
CONFIDENCE.**

**WE DON'T WANT  
TO DICTATE  
YOU. IT IS UP TO  
YOU TO SEEK  
GUIDANCE.**

**THE TASKS GIVEN  
MAY SEEM VERY  
EASY OR VERY  
DIFFICULT. WE  
EXPECT THAT YOU  
GIVE PROFESSIONAL  
DUE REGARD TO THE  
TASKS.**

Thank  
You