



TECH
TALENT

INTERNSHIP PROJECTS

WELCOME! TO TECH TALENT INTERNSHIP PROGRAM

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ABOUT US



Tech Talent is a group that unites individuals from varied backgrounds with common objectives and aspirations.



Tech Talent is committed to producing prospects for improving leadership skills, acquiring knowledge, engaging students, and promoting mutual interests. Tech Talent endeavors to establish fulfilling settings and encounters that support the mental and physical welfare of students.



INSTRUCTIONS

1.

All the tasks are needed to complete for Tech Talent Internship Completion Certificate

2.

LinkedIn profile improvement (Mandatory)

3.

Maintain a separate GitHub repository(name as TTIP for all the tasks and share the link of the GitHub repository in the task submission form(it will be given later through email).

4.

PEER EVALUATION watch and comment on at least two tasks videos on LinkedIn posted by fellow interns.

SUBMISSIONS

01

A **video** need to be created to showcase your work, demo of your effort. The video should start with your name on first page.

02

The video can be hosted on social media such as LinkedIn for proof of your work and build credibility among your peers. You can tag **TECH TALENT** in such posts.

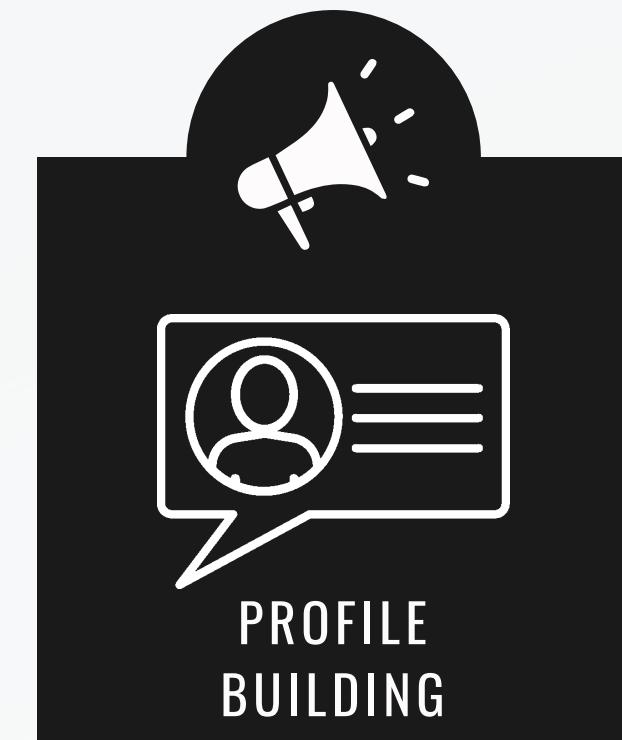
03

Please add **#techtalent** in each of your task so that we can confirm that you have completed your task. Additionally, you can also add hashtags such as **#internship** for more reach and visibility.

04

A TASK SUBMISSION FORM will be shared to your email after few days after the start of program. Till then please continue with your task.

ABOUT THE INTERNSHIP





WEB DESIGNING TASK LIST

The internship in web desining provides hands-on experience and an overview of designing and enhancing web-driven platforms.

LOGIN AND REGISTER PAGE

Create a login and register web page using HTML, CSS, and JavaScript, create a form with input fields for user credentials, style it using CSS, and add JavaScript for form validation and submission. Test thoroughly to ensure a secure and user-friendly experience.

TASK 1

DIGITAL CLOCK

Develop a basic digital clock using HTML, CSS, and JavaScript, that displays the current time in a digital format as hours, minutes, and seconds. These websites can be accessed on any device with an internet connection, and some may even allow users to customize the clock display and time zone.

TASK 2

INSTAGRAM CLONE

Designing an Instagram clone involves creating a user interface that resembles the original platform, using HTML to create the basic structure and CSS to style the interface. JavaScript is used to add functionality, such as the ability to upload photos and follow other users. To further increase use can add external APIs for additional features. Check the responsiveness for different devices and browsers.

TASK 3



AI/ML & COMPUTER VISION

TASK LIST

The internship in web designing provides hands-on experience and an overview of designing and enhancing web-driven platforms.

FINGER COUNTER

Building a finger counter using AI/ML and computer vision involves training a model to detect and track fingers in real-time using computer vision techniques.

General steps involved:

1. Data collection
2. Preprocessing
3. Training data preparation
4. Model selection
5. Training and Evaluation

TASK 1

HAND GESTURE DETECTION

Hand gesture/sign detection is a computer vision and machine learning task that involves identifying and interpreting the gestures made by the hand or fingers. It typically starts with the acquisition of data in the form of hand images or videos, followed by preprocessing steps to enhance the quality and remove noise. The hand region is then detected or tracked, and appropriate features are extracted.

TASK 2

OBJECT DETECTION

Object detection is a computer vision task that involves identifying and localizing multiple objects within an image or video. It is a fundamental problem in computer vision and serves as a building block for various applications, including autonomous driving, surveillance systems, and image recognition.

TASK 3



MOBILE APP DEVELOPMENT

TASK LIST

The internship in web designing provides hands-on experience and an overview of designing and enhancing web-driven platforms.

LOGIN APP

A login application is a software application that allows users to authenticate themselves and access a restricted area or specific content. In other words, it is a mechanism that verifies a user's identity before allowing them to access resources or perform certain actions.

TASK 1

CALCULATOR APP

Develop a calculator app in Android Studio, design the user interface, add functionality by writing code in Java or Kotlin and make reliable user interface that provides better experience to the user. Plan the UI and functionality, and make sure the app is working properly by testing the app thoroughly.

TASK 2

ANY SIMPLE GAME

Design and develop simple game app in android that allows users to play a game on their smartphones or tablets. These apps are typically designed to be easy to use and provide a fun and engaging experience for users. Decide on a game concept that you want to develop, Write code that implements the game mechanics and logic. Test the game app thoroughly to ensure that it works as intended and debug any issues that arise.

TASK 3

PROFILE UPDATION

*Kindly make sure that you have successfully uploaded your tasks on your **GITHUB** repositories to avoid further circumstances.*



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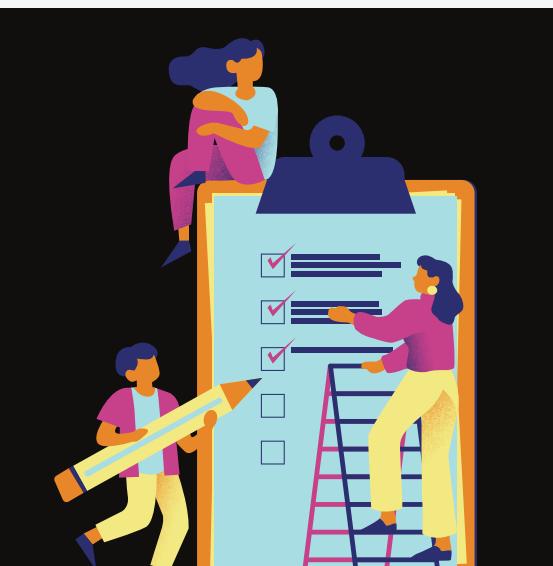
ASK US FOR HELP!



THIS INTERNSHIP IS DESIGNED TO OFFER A VALUABLE LEARNING EXPERIENCE TO HELP INTERNS ACQUIRE NEW SKILLS AND KNOWLEDGE



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



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