

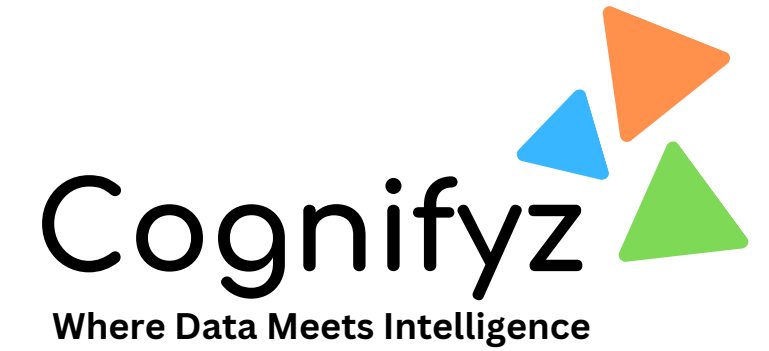


INTERNSHIP PROGRAM

SOFTWARE DEVELOPMENT

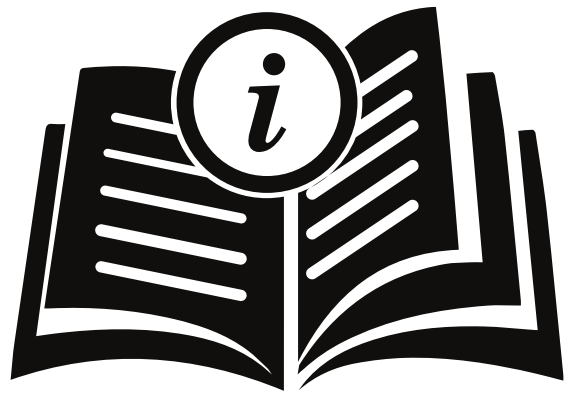


About Us



- Cognifyz Technologies is a leading technology company that specializes in the dynamic field of data science and excels in delivering impactful projects and solutions.
- The company offers a wide range of products and services, including artificial intelligence (AI), machine learning (ML), and data analytics tools.
- Cognifyz Technologies also provides training programs to enhance skills and knowledge in these areas.
- The company focuses on delivering innovative and cutting-edge solutions to meet the evolving needs of businesses.





During your internship tenure, it is important to keep in mind the following points

- Enhance your professional presence by updating your LinkedIn profile. Share your achievements, such as the offer letter or internship completion certificate, which you received from us. Don't forget to mention and tag Cognifyz Technologies in your posts. You can use hashtags like #cognifyz #cognifyzTech #cognifyzTechnologies to showcase your affiliation.
- Maintain academic integrity and respect intellectual property. Plagiarism and copying code are serious offenses that can lead to the termination of your internship and subsequent restriction from future opportunities with us.
- Demonstrate your work by sharing a video showcasing the completion of your tasks on LinkedIn. Remember to tag Cognifyz Technologies in your post and use relevant hashtags like #cognifyz #cognifyzTech #cognifyzTechnologies to engage with our community.

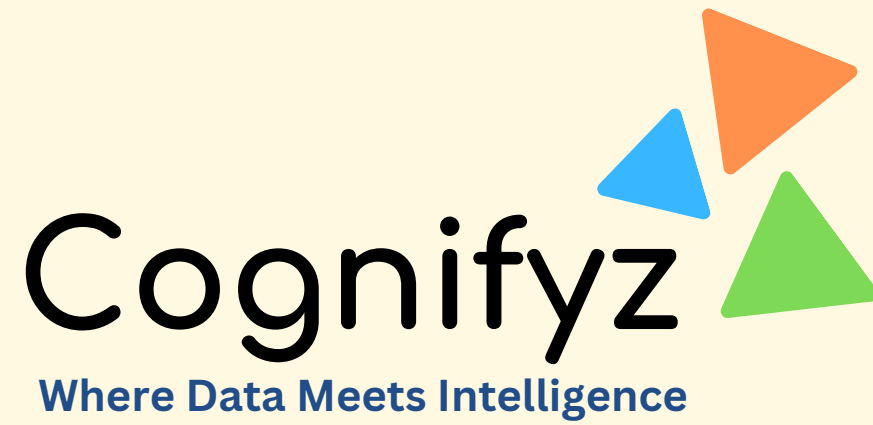


SUBMISSION



- Create a professional video showcasing your internship projects and achievements.
- Host the video on LinkedIn to provide proof of your work and establish credibility among your peers. Consider tagging Cognifyz Technologies in your posts to ensure they are notified of your work.
- A SUBMISSION FORM will be shared later. Till then please continue your task and make a separate file of each level.
- When posting the video on LinkedIn, include the following hashtags to maximize visibility and engagement: **#cognifyztechnologies** **#cognifyz** **#cognifyztech**. Additionally, depending on your internship domain.





SOFTWARE DEVELOPMENT

TASK LIST



Welcome to our exciting Software Development internship program! To complete this internship, you will need to finish at least 4 tasks out of 6. We've designed these tasks to cater to your convenience and ensure an engaging and rewarding experience.

Level 1: Beginner

Task 1: Develop a basic text-based game.

Objective: Implement a simple game using conditional statements for game logic.

Steps:

1. Choose a game type (quiz, guessing game).
2. Define the game rules and logic.
3. Use conditional statements to manage game flow.
4. Test and debug the game for correctness.



Level 1: Beginner



Task 2: Generate and print simple number patterns.

Objective: Utilize loops to control the structure of number patterns.

Steps:

1. Select a number pattern type (e.g., pyramid).
2. Develop a program to generate the selected pattern.
3. Use loops to control the structure of the pattern.
4. Verify the correctness of the generated pattern.

Level 2: Intermediate

Task 3: Create a console application for basic CRUD operations on a list of tasks.

Objective: Implement Create, Read, Update, and Delete operations using arrays or lists for data storage.

Steps:

1. Define a Task class with necessary attributes.
2. Implement functionality to create a new task.
3. Develop a method to read and display tasks.
4. Allow users to update task details.
5. Provide an option to delete tasks.
6. Test the application with various scenarios.



Level 2: Intermediate



Task 4: Build a temperature converter program.

Objective: Enable users to input temperatures and choose the conversion direction between Fahrenheit and Celsius.

Steps:

1. Design a program to accept temperature input.
2. Implement logic for temperature conversion.
3. Allow users to choose the conversion direction.
4. Test the program with different input values.

Level 3: Advanced



Task 5: Enhance the CRUD application to store task data persistently using file I/O.

Objective: Implement file storage for tasks to enable saving and loading from a text file.

Steps:

1. Modify the application to read and write tasks to a text file.
2. Implement error handling for file operations.
3. Test the persistence of task data.

Level 3: Advanced

Task 6: Create a program for interactive web scraping.

Objective: Fetch data from a website and present it in a user-friendly way using a simple web scraping library.

Steps:

1. Select a website and identify the data to be scraped.
2. Utilize a web scraping library to fetch the data.
3. Design a user-friendly presentation format.
4. Test the program with different websites.



How to Contact Us?

To find out more information,
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