TIMELINE


Offer Letters are sent out
After 10-15 days, Submission Form is Mailed
Final Day to Submit your Tasks
Certificates are processed after the end date
Start
Submission
End
Certificates

INSTRUCTIONS

- You should only start completing you tasks after your internship begins. The start date will be mentioned in your Offer Letter Mail. You only need to complete tasks in your own domain as stated in Offer Letter.

- To be eligible for the Completion Certificate, it is mandatory for you to complete at least 2 Tasks in your internship track. To obtain a LoR, you need to complete 4 tasks.

- You are free to select your own learning resources to study and complete the tasks, as no training will be provided during the internship. Also, the internship is completely self-paced and thus there are no fixed timings.

INSTRUCTIONS

- You are required to maintain a GitHub repository for all the tasks you complete. The repository should be public and follow the naming convention: "PRODIGY_TrackCode_TaskNumber".

- For instance, if you are pursuing a Web Development Internship and are working on your 2nd task, your GitHub repository name should be "PRODIGY_WD_02". Refer this guide for any doubts.

- Following the completion of each task, it is MANDATORY that you create a post on LinkedIn outlining the task you have completed and the knowledge gained. Optionally, you can add a video to your post.

INSTRUCTIONS

- You will receive the Task Submission Form during the middle of your internship month to submit your completed tasks.
- You are free to choose any programming language or framework to complete your tasks in your internship track. Additionally, Data Science Interns can use tools like MS Excel, Power BI, Tableau & Google Sheets.
- For Software Engineering Interns, please make sure the application is user-driven. While not mandatory, we also recommend that your programs feature a GUI to provide a user-friendly experience.

INSTRUCTIONS

- For Full Stack Web Development Interns, you can use any framework/technology/langauge for front-end and back-end development. We also recommend you to explore both SQL and NoSQL types of databases to complete your tasks.

- For Generative AI Interns, focus on learning the topics and understanding the theory in as much detail as possible. The output doesn't matter if you don't grasp the theory behind these complex topics.

- Refer to our Additional FAQs!

Internship Tasks

1. Mandatory Task
2. Web Development
3. Machine Learning
4. Data Science
5. Android Development

View the Next Page for Other Tracks

Internship Tasks

6 Software Development

7 Cyber Security

8 Full Stack Web Dev

9 Generative AI

LinkedIn Profile Improvement Task (Mandatory)

The assigned task is designed to aid you in building your professional profile on LinkedIn and enhance your visibility to recruiters.

- **Post Your internship Offer Letter on your Linkedin profile**
- **Go through these articles and follow them to improve your LinkedIn Profile. #1 #2 #3**
- **Add "Intern at Prodigy InfoTech" in your profile headline & add "Prodigy InfoTech" as your current company in the work experience section.**

Software Development

Track Code: SD

Task-01

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Build a Temperature Conversion Program

Create a program that converts temperatures between Celsius, Fahrenheit, and Kelvin scales. The program should prompt the user to input a temperature value and the original unit of measurement. It should then convert the temperature to the other two units and display the converted values to the user. For example, if the user enters a temperature of 25 degrees Celsius, the program should convert it to Fahrenheit and Kelvin, and present the converted values as outputs.

Task-02

Create a Guessing Game

Build a program that generates a random number and challenges the user to guess it. The program should prompt the user to input their guess, compare it to the generated number, and provide feedback if the guess is too high or too low. It should continue until the user correctly guesses the number and then display the number of attempts it took to win the game.

Task-03

“Implement a Simple Contact Management System

Develop a program that allows users to store and manage contact information. The program should provide options to add a new contact by entering their name, phone number, and email address. It should also allow users to view their contact list, edit existing contacts, and delete contacts if needed. The program should store the contacts in memory or in a file for persistent storage.

Task-04

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Implement a Sudoku Solver

Create a program that solves Sudoku puzzles automatically. The program should take an input grid representing an unsolved Sudoku puzzle and use an algorithm to fill in the missing numbers.

It should use backtracking or other suitable techniques to explore possible solutions and find the correct arrangement of numbers for the puzzle. Once solved, the program should display the completed Sudoku grid.

Task-05

“ Web Scraping

Create a program that extracts product information, such as names, prices, and ratings, from an online e-commerce website and stores the data in a structured format like a CSV file.

You are free to choose the website you scrape from.