



Internship Program



Company Background

Syntecxhub is a forward-thinking company that bridges learning with practical experience. We provide internship projects across exciting fields like **Web Development, UI/UX Design, Frontend & Backend Development, Data Science**, and more, helping students gain real-world skills.

Our internships offer mentorship, hands-on tasks, and exposure to live projects, enabling students to enhance their knowledge, build confidence, and prepare for successful careers.



PYTHON Programming



Instructions

- Share your internship status on **LinkedIn** and mention **@Syntecxhub**.
- Upload your **entire source code** to **GitHub**, creating a repository named: **Syntecxhub_Project_Name**.
- You will receive **weekly tasks** that must be completed and submitted via the **Submission Form** within the given time.
- **you are required to complete at least one project.** Completing **multiple projects** is optional but **highly encouraged**, as it **demonstrates initiative and a deeper interest in learning**.



Project - 1

Student Management System

- CLI app to add / update / delete / list student records (name, id, grade).
- Use classes (Student) and a manager class to encapsulate operations.
- Persist records to a file (CSV or JSON).
- Implement simple validation (unique ID) and formatted console output.
- Demonstrates file I/O + OOP basics (constructors, methods).

 **Example : Link**



Project - 2

Library Book Inventory Manager

- Manage books (add, search by title/author, issue/return) using lists/dicts.
- Use classes for Book and Library and HashMap-like dicts for quick lookup.
- Persist data to a file (JSON) for reload on startup.
- Implement search and simple reports (total books, issued count).
- Emphasizes collections, iteration, and basic OOP.

 **Example : Link**



Project - 3

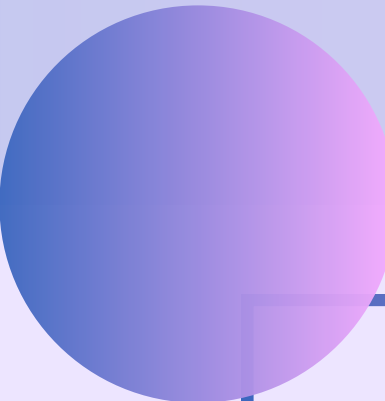
File Organizer Script

- Script that scans a folder and moves files into subfolders by extension.
- Use os, shutil and handle name collisions.
- Add a dry-run mode and logging of moved files.
- Demonstrate scheduling via cron / Task Scheduler (optional).
- Good real-world automation for desktop cleanup.

 **Example : Link 1, Link 2**



Submission Details

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- Each task consists of **three projects**. Every intern is **required to complete and submit at least one project** from each task.

- Completing all assigned weekly tasks is **mandatory** to successfully finish the internship. If an intern fails to complete the required projects, the internship will be considered **incomplete**, and the **certificate will not be issued**.

- Please ensure that all completed projects are submitted through the official **Submission Form** to confirm your **successful participation in the internship program**.



Thank You.

Get In Touch With Us



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