February - March 2025: Foundation in C Programming & Aptitude

- **Objective**: Build a strong base in C programming and basic problem-solving.
- **Focus Areas**:
    - Learn C basics: syntax, control structures, functions, arrays, pointers.
    - Focus on solving basic problems on platforms like **HackerRank** and **LeetCode**.
    - Start practicing **aptitude** (basic quantitative reasoning, logical reasoning).
- **Daily Time**: 1-2 hours for C Programming, 30 minutes for Aptitude.
- **Outcome**: Solid understanding of C and basic problem-solving skills.

April - May 2025: Python Programming & Data Science Basics

- **Objective**: Learn Python and fundamentals of Data Science.
- **Focus Areas**:
    - Master Python basics: data types, control structures, functions, modules, file handling.
    - Begin learning libraries like **NumPy**, **Pandas**, and **Matplotlib**.
    - Start learning SQL for data manipulation and querying.
- **Daily Time**: 1-2 hours for Python, 30 minutes for Data Science basics.
- **Outcome**: Strong foundation in Python and an introductory understanding of Data Science.

June - July 2025: Data Structures and Algorithms (DSA)

- **Objective**: Prepare for technical interviews by learning DSA.
- **Focus Areas**:
    - Study and practice **Arrays**, **Linked Lists**, **Stacks**, **Queues**, **Trees**, **Graphs**.
    - Learn sorting and searching algorithms, dynamic programming, and time/space complexity analysis.
    - Solve coding problems on **LeetCode**, **Codeforces**, and **GeeksforGeeks** (medium difficulty).
- **Daily Time**: 1.5 hours for DSA practice.
- **Outcome**: Strong problem-solving and algorithmic skills.

August - September 2025: Full-Stack Web Development (MERN Stack)

- **Objective**: Learn full-stack web development with the **MERN** stack.
- **Focus Areas**:
    - Learn **HTML**, **CSS**, and **JavaScript** for front-end development.
    - Master **React.js** for building dynamic front-end applications.
    - Learn **Node.js**, **Express.js**, and **MongoDB** for back-end development.
    - Work on **real-time projects** (e.g., portfolio, blog, e-commerce).
- **Daily Time**: 2 hours for MERN stack.
- **Outcome**: Build full-stack web applications and be proficient in modern web development.

October - November 2025: Placement Preparation & Soft Skills Development

- **Objective**: Prepare for mock interviews, aptitude tests, and soft skills.
- **Focus Areas**:
    - Practice **coding interviews** using mock interview platforms like **Pramp** and **InterviewBit**.
    - Prepare for **aptitude tests**: quantitative, logical, and verbal reasoning.
    - Work on **soft skills**: communication, leadership, problem-solving, and teamwork.
    - Polish your **resume**, **LinkedIn profile**, and **GitHub** repositories.
    - Review all projects, upload final projects to GitHub, and include project details on your resume.
- **Daily Time**: 1 hour for mock interviews and 1 hour for aptitude.
- **Outcome**: Be interview-ready with a polished resume and LinkedIn profile.

December 2025: Interview Preparation & Final Job Search

- **Objective**: Focus on final preparations and actively apply for jobs.
- **Focus Areas**:
    - Continue practicing coding and aptitude problems.
    - Participate in **mock interviews** for both technical and behavioral rounds.
    - Apply for internships and jobs through **LinkedIn**, **Naukri**, and **campus placement drives**.
- **Daily Time**: 1 hour for mock interviews, 1 hour for job applications.
- **Outcome**: Apply to multiple companies, attend interviews, and focus on securing a job.

Weekly Timetable Example (Starting February 2025)

Time Slot	Focus Area
6:00 AM - 7:00 AM	**Aptitude Practice**
7:00 AM - 9:00 AM	**C Programming / Python**
9:00 AM - 5:00 PM	**College Classes**
5:00 PM - 7:00 PM	**Data Structures (DSA)**
7:00 PM - 9:00 PM	**MERN Stack Web Development**
9:00 PM - 10:00 PM	**LinkedIn / Resume Updates / GitHub**

Extra Tips for Placement Success:

1. **Certifications**: Take certifications in Python, Data Science, SQL, and Web Development (e.g., **Coursera**, **edX**).
2. **Portfolio**: Build a strong **GitHub** profile with projects showcasing your skills in Python, MERN Stack, and DSA.
3. **Networking**: Build a network of professionals on **LinkedIn**, attend webinars and hackathons, and reach out to college alumni for advice.
4. **Mock Interviews**: Take as many mock interviews as possible and refine your interview responses.
5. **Job Portals**: Start applying to jobs in October and November to increase your chances.