

■ Placement Roadmap till End of 6th Semester

Semester 5 (Months 1–6)

- Goal: Build strong base in DSA + Core Subjects + Resume + Projects
- Months 1–2 (Sept–Oct): DSA (Striver A2Z + Leetcode Top 150), OS basics, DBMS basics, polish 1 project, 2 CF contests/week.
- Months 3–4 (Nov–Dec): Advanced DP & Graphs, CN basics, OOP, start AI x MERN project, Codeforces ~1600.
- Months 5–6 (Jan–Feb): Codeforces ~1700, LLD/HLD practice, polish resume, revise OS/DBMS/CN.
- End Milestone: 200–250 DSA solved, 3 polished projects, resume polished.

Semester 6 (Months 7–12)

- Goal: Become placement-ready → System Design + Competitive Edge + Internship Prep
- Months 7–8 (Mar–Apr): Advanced Graphs/DP, Leetcode company questions, System Design (LLD/HLD), start system design heavy project.
- Months 9–10 (May–Jun): Codeforces ~1900+, AtCoder 6–5 kyu, core CS revision, apply internships, hackathons, STAR answers.
- Months 11–12 (Jul–Aug): Full placement simulations, finalize resume, polish GitHub & LinkedIn, mock interviews weekly.
- End Milestone: CF 1900+, 350–400 Leetcode, 4–5 projects, resume perfect, interview ready.

Daily Routine

- 1.5 hr → DSA/CF/Leetcode
- 1 hr → Core CS/System Design
- 1 hr → Project/Resume/Dev work
- 30 min → Revision/Notes

Weekly Routine

- 2 Codeforces contests
- 1 AtCoder contest (optional)
- 1 mock interview
- 2–3 hrs weekend project work