Roadmap to Crack Google STEP & Amazon Internship

1. Internship Goals (2nd Year)

- Google STEP: Apply NovJan, Diversity candidates preferred, High competition

- Amazon SDE Internship: Apply JulSep, High competition

2. Skills to Improve (JuneDec 2025)

Programming Languages: Learn C++ or Python deeply

Core Skills:

- DSA: Arrays, Strings, Linked List, Stack, Queue,
  Trees, Graphs, DP, Binary Search

- OOPs, OS, DBMS, CN, Aptitude

3. DSA Problem Set:

- Platforms: LeetCode, GeeksforGeeks, Codeforces

- Solve 300+ problems (start with 100 easy-medium)

4. Project Ideas:

- AI/ML: Fake News Detector, Loan Approval, Face Mask Detector

- Web + ML: Disease Predictor, Resume Scanner

- CV: Sign Language Translator

5. Resume Guidelines:

- Include Education, Skills, Projects (with impact), DSA stats, Achievements

- Use Overleaf or Canva

6. Common Interview Questions:

- HR: Tell me about yourself, Challenges faced

- Tech: Explain project, DSA code time complexity, SQL query

7. Monthly Plan (JuneDec 2025)

- JuneJuly: Master C++/Python, start 100 DSA problems

- August: Make 1 ML project, GitHub + resume draft

- September: Learn DBMS, OS, OOPs

- October: 2nd project, mock interviews

- NovDec: Apply, Final prep

Bonus Tips:

- Join Codeforces/AtCoder contests

- Watch: Love Babbar DSA, Apna College

- Read: Cracking the Coding Interview