**🚀 Step-by-Step Roadmap to Crack MAANG Interviews**

**📌 1. Understand the Interview Process**

MAANG companies typically follow a structured interview process with several rounds:

* **Online Assessment (OA):** Algorithmic coding problems (similar to Leetcode)
* **Technical Rounds (2–4):**
  + Data Structures & Algorithms (DSA)
  + System Design (for experienced candidates)
  + Low-Level Design (LLD – for SDE-2 and above)
* **Behavioral/Bar Raiser Round:**
  + Culture fit
  + Leadership principles (especially for Amazon)
  + Communication & collaboration skills

**📚 2. Core Subjects to Master**

| **Subject** | **Focus Areas** |
| --- | --- |
| **DSA** | Arrays, Strings, Linked Lists, Trees, Graphs, Hashing, DP, Sliding Window |
| **System Design** | OOPs, Design Patterns, HLD (scalability), Microservices, Caching, Databases |
| **CS Fundamentals** | Operating Systems, DBMS, Networking, OOP Concepts |
| **Behavioral** | STAR Method, Leadership, Conflict Resolution, Project Ownership |

**💻 3. Coding Practice Strategy**

| **Platform** | **What to Do** |
| --- | --- |
| **Leetcode** | Solve 300–500 problems, start with Blind 75 / Top 150 |
| **GeeksForGeeks** | Practice company-wise and topic-wise questions |
| **InterviewBit** | Structured preparation for coding interviews |
| **HackerRank/Codeforces** | Practice timed contests to build speed & pressure tolerance |
| **Excalidraw/Whimsical** | Use to draw clean System Design diagrams |

**🧠 4. Resume & Project Preparation**

* Keep your resume **1-page**, clean, impact-driven.
* Focus on **projects with measurable outcomes** (numbers, speed, scale).
* Projects should show:
  + Problem-solving capability
  + Use of relevant tech stack (MERN, Cloud, etc.)
  + Scalability and performance awareness

**🗣️ 5. Behavioral Questions – Be Ready For:**

* "Tell me about yourself"
* "Why do you want to work at [Company Name]?"
* "Describe a challenge and how you overcame it"
* Use the **STAR Method**:
  + **S**ituation → **T**ask → **A**ction → **R**esult

**🧰 6. Resources to Use**

**DSA:**

* *Cracking the Coding Interview* by Gayle Laakmann McDowell
* Neetcode.io
* Leetcode Blind 75 / Top 150

**System Design:**

* [System Design Primer on GitHub](https://github.com/donnemartin/system-design-primer)
* *Grokking the System Design Interview* (educative.io)
* Tech Dummies (YouTube)

**Mock Interviews:**

* Pramp (free)
* Interviewing.io (mock with real engineers)
* Peer mock interviews with friends or mentors

**🗓️ 7. Timeline (If You’re Consistent)**

| **Months** | **Focus Area** |
| --- | --- |
| 1–2 Months | Master DSA + Build/Polish Resume |
| 3–4 Months | Deep Dive into System Design + Mock Interviews |
| 5–6 Months | Start applying + Networking + Interviews |

**🎯 8. Tips to Increase Your Success Rate**

* Get **referrals** via LinkedIn, GitHub, alumni groups.
* Customize your resume for every job description.
* Improve **communication skills** (especially in virtual rounds).
* Don't just memorize code – **understand patterns**.
* Always ask **clarifying questions** in system design & DSA rounds.

**🙋 Want a Customized Plan?**

Message with:

* Your experience (years + tech stack)
* Target role (e.g., SDE-1, SDE-2, Frontend, etc.)
* Time you can dedicate per day
* Your current strengths and weaknesses

And I’ll build you a **custom 3–6 month plan**.