30-Day Service-Based/Startup Developer Interview Preparation Plan (MERN Stack)

Week 1: Core JavaScript + HTML/CSS + Basic Coding

Daily Routine:
- 1 hr: Basic DSA (Array, String problems on LeetCode Easy/Medium)
- 2 hrs: Core JavaScript questions (closures, hoisting, event loop, promises, async-await, call/apply/bind, t
- 2 hrs: HTML/CSS theory + tricky questions + practice creating small layouts
- 2 hrs: React basics revision (props, state, useEffect, conditional rendering)
- 1 hr: Daily revision notes + mock Q&A

End of Week:
- Create a small responsive website with animations and deploy on Netlify.

Week 2: Advanced JavaScript + React Deep Dive

Daily Routine:
- 1 hr: DSA - Recursion + Hashmaps questions
- 2 hrs: Advanced JS (prototypes, inheritance, event bubbling, throttling, debouncing)
- 3 hrs: React advanced concepts (Hooks in-depth, Context API, Memoization, lazy loading, Suspense)
- 1 hr: Next.js basics intro (file-based routing, SSR, CSR)
- 1 hr: Write daily interview answers on Notion/Google Docs.

End of Week:
- Build a React project (Todo + filtering + search + local storage persistence).

Week 3: Next.js + Node.js + MongoDB

Daily Routine:
- 1 hr: DSA (Linked List, Stack, Queue basics)
- 2 hrs: Next.js advanced topics (getServerSideProps, getStaticProps, dynamic routing, API routes)
- 2 hrs: Node.js concepts (Event loop, middleware, routing, JWT auth)
- 2 hrs: MongoDB (Schemas, CRUD operations, indexing basics)
- 1 hr: System design for beginners (basic discussion - scalability, load balancer, CDN intro)

End of Week:
- Deploy full-stack MERN app on Vercel/Render.

Week 4: Full Mock Practice + HR + Project Discussion

Daily Routine:
- 1 hr: Pick random DSA problems + solve under 30 minutes
- 2 hrs: Mock coding questions (string manipulation, API call-based questions)
- 2 hrs: Mock project explanation (explain your project to yourself, prepare common Qs: challenges faced,
- 1 hr: Core CS revision (OS process vs thread, DBMS indexing, joins, transactions, CN TCP/IP basics)
- 2 hrs: HR questions (Tell me about yourself, strength/weakness, why this company)
- 1 hr: Mock interviews (practice on Pramp/InterviewBuddy/with friend)

End of Week:
- Record a video explaining your project (just for self confidence & clarity)

Extra Tips:
- Daily revise what you did.
- Maintain a 'Mistake notebook'.
- Update LinkedIn & GitHub daily.
- Sleep well, eat clean.

Ready to crush it!