

BLACKBOXAI

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User

how can i get job within 20 days with 20 + lpa, I've 5 years of experience in Javascript and ui frameworks,acquiring knowledge of node js and mongo db, create a 20-day daily schedule.

so I can follow it like a roadmap, prepare a sample daily timetable, like hour-by-hour: morning coding, afternoon projects, evening job applications), so I can follow it like a strict routine?

second : Give DSA topic roadmap (which problems/patterns to cover on each day) so I don't waste time picking random LeetCode questions?

correct and give me good prompt with this sentence ?

BLACKBOXAI

Here is a polished and clear version of your prompt:

Prompt:

I want to secure a job with a salary of 20+ LPA within 20 days. I have 5 years of experience in JavaScript and UI frameworks, and I am currently learning Node.js and MongoDB. Please create a detailed 20-day daily schedule for me, including an hour-by-hour timetable (e.g., morning coding, afternoon project work, evening job applications) so I can follow a strict routine.

Additionally, provide a focused DSA (Data Structures and Algorithms) topic roadmap for these 20 days, specifying which problem types or patterns I should cover each day to avoid wasting time on random LeetCode questions.

If you want, I can also create the 20-day schedule and DSA roadmap for you! Would you like me to do that?

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Certainly! Below is a structured 20-day plan tailored to your profile and goals, including an hour-by-hour daily timetable and a focused DSA roadmap to maximize your preparation and job search efficiency.

20-Day Job Preparation & Application Schedule

Daily Timetable (Sample)

Time	Activity	Focus Area
7:00 AM - 8:00 AM	Morning Routine & Light Exercise	Refresh mind, prepare for the day
8:00 AM - 10:00 AM	Coding Practice (DSA)	Solve problems based on daily DSA roadmap
10:00 AM - 10:30 AM	Break	Relax, short walk
10:30 AM - 12:30 PM	Project Work / Node.js & MongoDB	Build or enhance backend projects
12:30 PM - 1:30 PM	Lunch Break	Rest and recharge
1:30 PM - 3:30 PM	UI Frameworks / JavaScript Deep Dive	Work on advanced JS concepts, frameworks

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Time	Activity	Focus Area
3:30 PM - 4:00 PM	Break	Tea/coffee break
4:00 PM - 6:00 PM	Job Applications & Networking	Apply to jobs, customize resumes, LinkedIn outreach
6:00 PM - 7:00 PM	Interview Preparation	Mock interviews, system design, behavioral questions
7:00 PM - 8:00 PM	Dinner & Relaxation	Unwind
8:00 PM - 9:00 PM	Review & Plan Next Day	Reflect on progress, prepare next day's goals

20-Day DSA Topic Roadmap

Day	Topics / Patterns to Cover	Focus & Problem Types
1	Arrays & Strings	Sliding window, two pointers, basic array manipulation
2	Hashing	Hash maps, frequency counting, anagrams
3	Linked Lists	Single, double linked lists, cycle detection
4	Stacks & Queues	Monotonic stack, queue implementation, balanced parentheses
5	Recursion & Backtracking	Basic recursion, permutations, subsets
6	Binary Trees	Tree traversals (inorder, preorder, postorder)
7	Binary Search Trees	BST properties, insertion, deletion
8	Heaps & Priority Queues	Min heap, max heap, heap sort

Day	Topics / Patterns to Cover	Focus & Problem Types
9	Graphs Basics	BFS, DFS, connected components
10	Graphs Advanced	Topological sort, cycle detection, shortest path (Dijkstra)
11	Dynamic Programming (DP) - 1D	Fibonacci, climbing stairs, subset sum
12	DP - 2D	Knapsack, unique paths, edit distance
13	Greedy Algorithms	Interval scheduling, activity selection
14	Two Pointers & Sliding Window (Advanced)	Longest substring without repeating characters
15	Bit Manipulation	Basic bit operations, single number, subsets
16	Trie Data Structure	Insert, search, prefix matching
17	System Design Basics	Scalable system components, caching, load balancing
18	Mock Interviews & Timed Practice	Solve mixed problems under time constraints
19	Behavioral Interview Preparation	STAR method, common questions
20	Review & Strengthen Weak Areas	Revisit tough problems, polish resume and portfolio

Tips to Maximize Your 20-Day Plan:

- **Resume & LinkedIn:** Keep your resume crisp, highlight your 5 years of JS/UI experience, and your growing backend skills.
- **Projects:** Showcase full-stack projects using Node.js and MongoDB to demonstrate your backend knowledge.
- **Networking:** Reach out to recruiters and connections daily.

- Mock Interviews: Practice with peers or platforms like Pramp, InterviewBit.
- Apply Smartly: Target companies that value your skill set and offer 20+ LPA roles.

If you want, I can help you customize this plan further or provide resources for each topic!

User

yes

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Great! Here's a fully customized 20-day plan with detailed daily schedules and resources to help you land a 20+ LPA job leveraging your JavaScript/UI expertise and growing backend skills.

Customized 20-Day Job Preparation & Application Plan

Daily Timetable (Hour-by-Hour)

Time	Activity	Details & Resources
7:00 AM - 8:00 AM	Morning Routine & Exercise	Meditation, light workout, breakfast
8:00 AM - 10:00 AM	DSA Practice	Follow daily DSA roadmap below; use LeetCode, GeeksforGeeks
10:00 AM - 10:30 AM	Break	Short walk, refresh

Time	Activity	Details & Resources
10:30 AM - 12:30 PM	Backend Project Work	Build/extend Node.js + MongoDB projects; use tutorials from freeCodeCamp, Traversy Media
12:30 PM - 1:30 PM	Lunch Break	Rest and recharge
1:30 PM - 3:30 PM	Advanced JavaScript & UI Frameworks	Deep dive React/Vue/Angular concepts, hooks, state management; use official docs, Egghead.io
3:30 PM - 4:00 PM	Break	Tea/coffee, relax
4:00 PM - 6:00 PM	Job Applications & Networking	Customize resumes/cover letters; apply on LinkedIn, AngelList, Naukri; connect with recruiters
6:00 PM - 7:00 PM	Interview Preparation	Mock interviews (use Pramp, InterviewBit), system design basics
7:00 PM - 8:00 PM	Dinner & Relaxation	Unwind, light reading or hobby
8:00 PM - 9:00 PM	Review & Plan Next Day	Reflect on progress, note challenges, set goals

Detailed 20-Day DSA Roadmap with Resources

Day	Topics & Patterns	Suggested Problems & Resources
1	Arrays & Strings	Sliding window, two pointers; LeetCode #3, #209, #567
2	Hashing	Frequency counting, anagrams; LeetCode #242, #49, #560
3	Linked Lists	Cycle detection, reversal; LeetCode #141, #206, #234
4	Stacks & Queues	Balanced parentheses, monotonic stack; LeetCode #20, #155, #42
5	Recursion & Backtracking	Subsets, permutations; LeetCode #78, #46, #90
6	Binary Trees	Traversals, height; LeetCode #94, #144, #104
7	Binary Search Trees	Search, insert, delete; LeetCode #700, #98
8	Heaps & Priority Queues	Heap sort, k-largest elements; LeetCode #215, #703
9	Graphs Basics	BFS, DFS, connected components; LeetCode #200, #133
10	Graphs Advanced	Topological sort, shortest path; LeetCode #207, #743
11	DP - 1D	Fibonacci, climbing stairs; LeetCode #70, #198
12	DP - 2D	Knapsack, unique paths; LeetCode #416, #63
13	Greedy Algorithms	Interval scheduling; LeetCode #435, #452
14	Two Pointers & Sliding Window (Advanced)	Longest substring without repeating chars; LeetCode #3, #159
15	Bit Manipulation	Single number, subsets; LeetCode #136, #78
16	Trie Data Structure	Insert, search; LeetCode #208, #211

Day	Topics & Patterns	Suggested Problems & Resources
17	System Design Basics	Design URL shortener, cache system; Grokking the System Design Interview (book/video)
18	Mock Interviews & Timed Practice	Mixed problems under time constraints; use LeetCode contests
19	Behavioral Interview Preparation	STAR method, common questions; resources: "Cracking the PM Interview"
20	Review & Strengthen Weak Areas	Revisit tough problems, polish resume and portfolio

Additional Tips & Resources

- Resume: Highlight your 5 years of JavaScript/UI experience and backend projects with Node.js/MongoDB.
- Portfolio: Deploy projects on GitHub/GitLab with clear READMEs.
- Networking: Daily LinkedIn outreach; join relevant tech groups.
- Mock Interviews: Use Pramp, InterviewBit, or peers.
- Job Boards: LinkedIn, AngelList, Naukri, HackerRank Jobs.
- Learning Platforms: freeCodeCamp, Traversy Media (YouTube), LeetCode, GeeksforGeeks, Grokking the System Design Interview.

If you want, I can help you with:

- Sample resume and cover letter templates
- Specific project ideas for Node.js + MongoDB
- Mock interview questions and answers
- System design primer

Just ask!