

30-Day Placement Preparation Timetable (Full Stack + DSA + Coding)

Overview

Schedule: 9 PM - 3 AM daily (Weekdays), 8-10 hrs (Weekends)

Main Project: MERN Task Manager (Node.js, Express, MongoDB, React, JWT, bcrypt)

Daily Focus: 1. Full Stack Development 2. DSA/Coding 3. Project Polish & Interview Prep

Day 1

Full Stack: Setup Node.js + Express project, install dependencies (express, mongoose).

DSA: Arrays - 2 Medium problems (LeetCode).

Interview: Explain what REST API is.

Day 2

Full Stack: Create REST endpoints for CRUD (in-memory data).

DSA: Strings - Palindrome, Anagram problems.

Interview: JWT basics & flow.

Day 3

Full Stack: Connect MongoDB (Atlas), implement CRUD with DB.

DSA: Sorting & Searching problems.

Interview: Explain MVC architecture.

Day 4

Full Stack: User registration with bcrypt hashing.

DSA: Sliding window problems.

Interview: Event loop in Node.js.

Day 5

Full Stack: User login with JWT auth.

DSA: Linked List basics (reverse, cycle detection).

Interview: Difference between var, let, const.

Day 6

Full Stack: Role-based access middleware.

DSA: Stack & Queue problems.

Interview: Explain CORS.

Day 7

Weekend: Integrate backend CRUD + auth.

DSA: Timed mock set (5 problems).

Interview: Practice project pitch.

Day 8

Full Stack: Advanced Auth & Security.

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DSA: Graphs BFS/DFS.

Interview: System Design: Small-scale app.

Day 9

Full Stack: React Frontend Setup.

DSA: Dynamic Programming Basics.

Interview: Behavioral STAR Method.

Day 10

Full Stack: Frontend CRUD Integration.

DSA: Trees Traversals.

Interview: Explain deployment process.

Day 11

Full Stack: State Management (Context API).

DSA: DP Advanced.

Interview: Discuss project challenges.

Day 12

Full Stack: Pagination & Search.

DSA: Mixed Revision.

Interview: Elevator pitch practice.

Day 13

Full Stack: Testing APIs.

DSA: Mock Contest.

Interview: Resume review.

Day 14

Full Stack: Final Polish & Deploy.

DSA: DSA Speed Round.

Interview: Full Mock Interview.

Day 15

Full Stack: Advanced Auth & Security.

DSA: Graphs BFS/DFS.

Interview: System Design: Small-scale app.

Day 16

Full Stack: React Frontend Setup.

DSA: Dynamic Programming Basics.

Interview: Behavioral STAR Method.

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Day 17

Full Stack: Frontend CRUD Integration.

DSA: Trees Traversals.

Interview: Explain deployment process.

Day 18

Full Stack: State Management (Context API).

DSA: DP Advanced.

Interview: Discuss project challenges.

Day 19

Full Stack: Pagination & Search.

DSA: Mixed Revision.

Interview: Elevator pitch practice.

Day 20

Full Stack: Testing APIs.

DSA: Mock Contest.

Interview: Resume review.

Day 21

Full Stack: Final Polish & Deploy.

DSA: DSA Speed Round.

Interview: Full Mock Interview.

Day 22

Full Stack: Advanced Auth & Security.

DSA: Graphs BFS/DFS.

Interview: System Design: Small-scale app.

Day 23

Full Stack: React Frontend Setup.

DSA: Dynamic Programming Basics.

Interview: Behavioral STAR Method.

Day 24

Full Stack: Frontend CRUD Integration.

DSA: Trees Traversals.

Interview: Explain deployment process.

Day 25

Full Stack: State Management (Context API).

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DSA: DP Advanced.

Interview: Discuss project challenges.

Day 26

Full Stack: Pagination & Search.

DSA: Mixed Revision.

Interview: Elevator pitch practice.

Day 27

Full Stack: Testing APIs.

DSA: Mock Contest.

Interview: Resume review.

Day 28

Full Stack: Final Polish & Deploy.

DSA: DSA Speed Round.

Interview: Full Mock Interview.

Day 29

Full Stack: Advanced Auth & Security.

DSA: Graphs BFS/DFS.

Interview: System Design: Small-scale app.

Day 30

Full Stack: React Frontend Setup.

DSA: Dynamic Programming Basics.

Interview: Behavioral STAR Method.