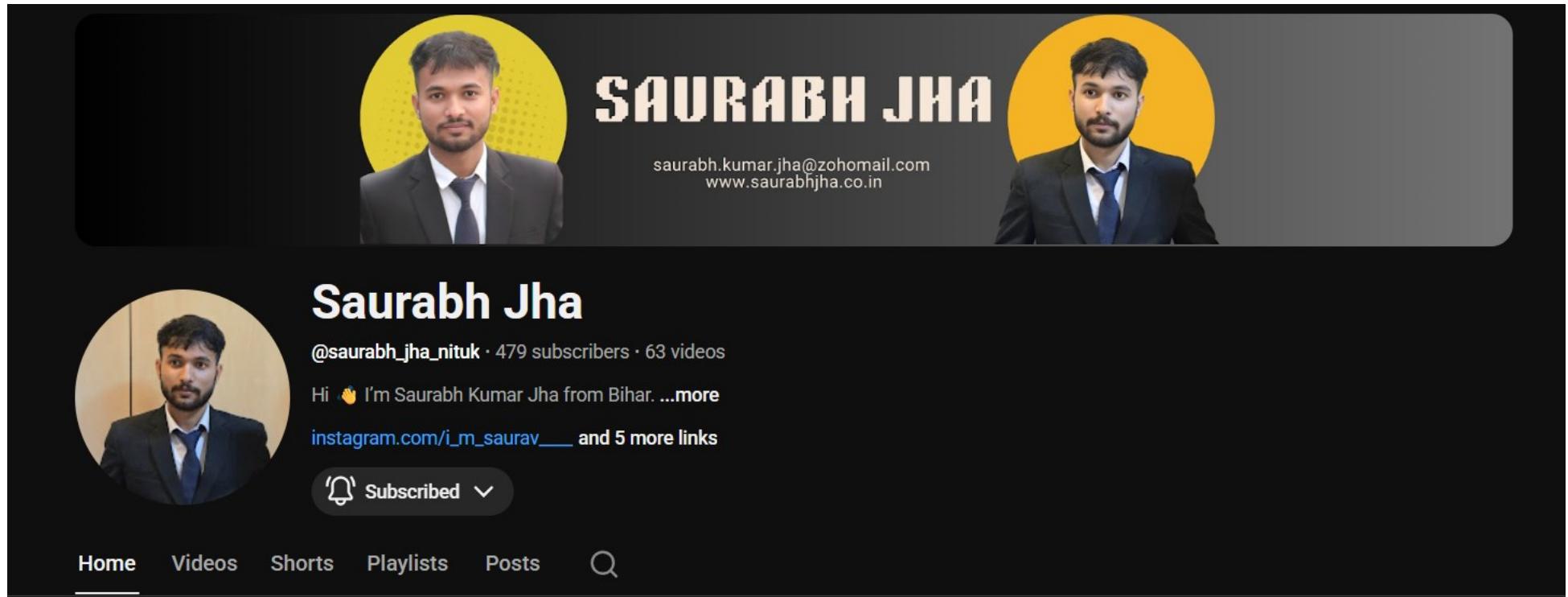


Infosys

Interview Questions

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The image shows a YouTube channel profile for 'Saurabh Jha'. The channel banner at the top features a yellow circular background with two smaller circular portraits of the channel owner on either side. The text 'SAURABH JHA' is prominently displayed in white, bold letters. Below the banner, the channel name 'Saurabh Jha' is shown in a large, bold, white font. To the left of the name is a circular profile picture of the channel owner. Below the name, the channel's social media links are listed: '@saurabh_jha_nituk' with 479 subscribers and 63 videos, followed by a message 'Hi 🙏 I'm Saurabh Kumar Jha from Bihar. ...more' and a link to 'instagram.com/i_m_saurav____ and 5 more links'. At the bottom of the banner, there is a 'Subscribed' button with a bell icon. Below the banner, the navigation menu includes 'Home', 'Videos', 'Shorts', 'Playlists', 'Posts', and a search icon.

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Saurabh Jha

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Hi 🙏 I'm Saurabh Kumar Jha from Bihar. ...[more](#)

instagram.com/i_m_saurav____ and 5 more links

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Infosys Interview Coding Question

- Dynamic Programming

1. Frog Jump
2. Ninja's Training
3. House Robber
4. Unique Paths
5. Triangle
6. Subset Sum Equals to Target
7. 0/1 Knapsack

8. Minimum Coins

9. Best Time to Buy and Sell Stock

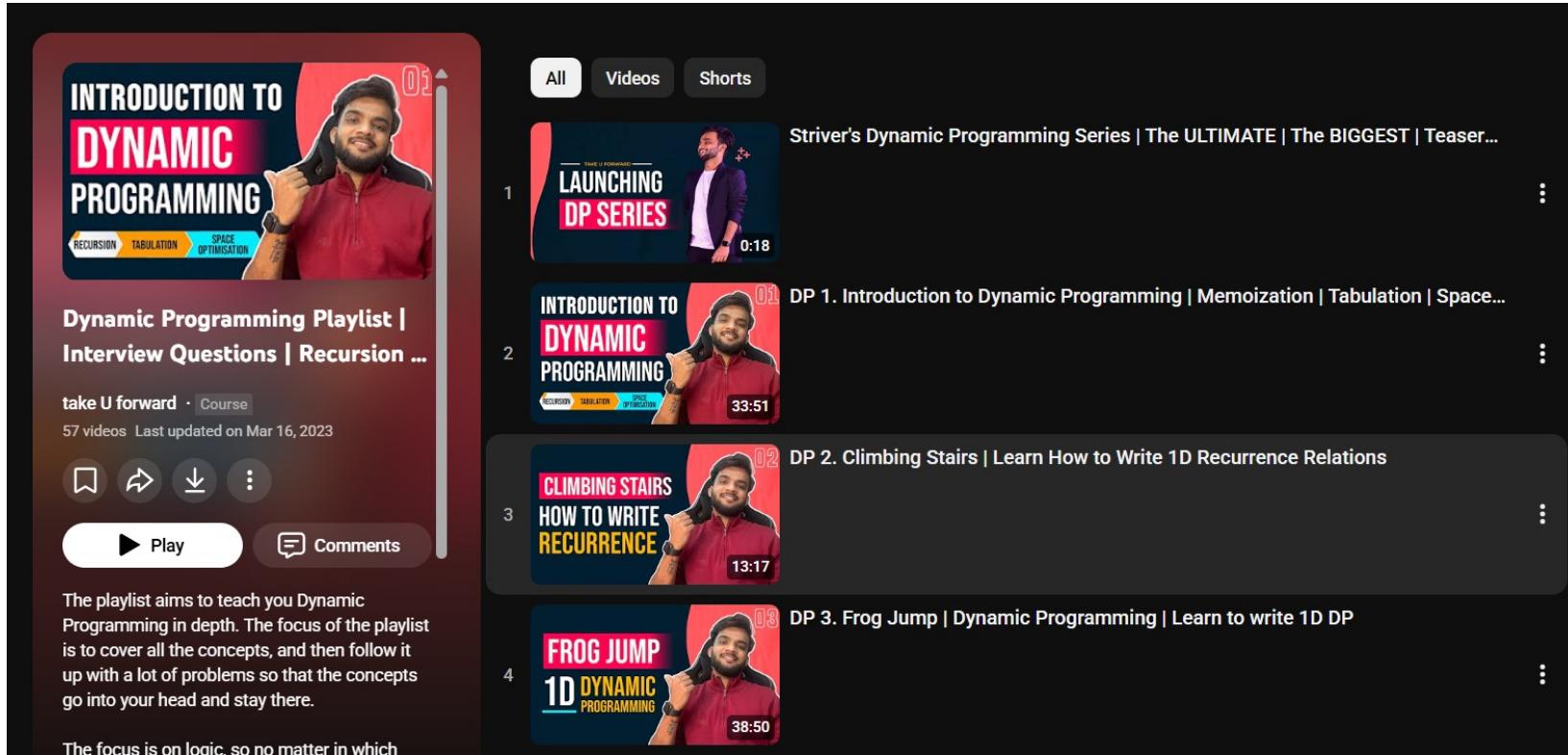
10. Climbing Stairs

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Infosys Interview Coding Question

• Dynamic Programming

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Infosys Interview Coding Question

• Graphs

- 1. BFS
- 2. DFS
- 3. Island
- 4. Rotten Oranges
- 5. Detect Cycle
- 6. World Leader
- 7. Dijkstra Algorithm
- 8. Print Shortest Path
- 9. prim's Algo
- 10. No Ways to reach Destination

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Infosys Interview Coding Question

The playlist aims to teach you Graphs in depth. The focus of the playlist is to cover all the concepts, and then follow it up with a lot of problems so that the concepts go into your head and stay there.

The focus is on logic, so no matter in which language you code, you can easily convert it

G-1. Introduction to Graph | Types | Different Conventions Used

G-2. Graph Representation in C++ | Two Ways to Represent

G-3. Graph Representation in Java | Two Ways to Represent

G-4. What are Connected Components ?

G-5. Breadth-First Search (BFS) | C++ and Java | Traversal Technique in Graphs

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Infosys Interview Coding Question

- **Linkedlist**

1. Doubly LinkedList
2. Cycle Detection
3. Remove Nth Node From the Linkedlist
4. merge 2 sorted list

- **Binary Tree**

1. preorder, inorder, postorder traversal
2. Maximum Depth
3. Botto, top , side View

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Infosys Interview Coding Question

- **Arrays**

1. Longest Subarray with K sum
2. 2 Sum, 3 Sum
3. Kadane's Algorithm
4. pascal Tringle
5. Find Missing and Repeting

- **Stack and Queue**

1. Next Greter Element
2. Sliding Window Maximum
3. Astroid Collisons
4. Remove K Digit
5. perfect Bracket

CS Fundamentals

- OOPS (Object-Oriented Programming)
 1. Class & Object
 2. Encapsulation
 3. Abstraction
 4. Inheritance
 5. Polymorphism
- DBMS (Database Management System)
 1. Keys
 2. Normalization
 3. ACID Properties
 4. CAP Theorems

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CS Fundamentals

- Operating System (OS)
 1. Process vs Thread
 2. Process States
 3. CPU Scheduling Algorithms
 4. Deadlock
 5. Memory Management
 6. Context Switching

- Computer Networks (CN)
 1. OSI Model (7 Layers)
 2. TCP vs UDP
 3. IP Addressing
 4. Three-Way Handshake (TCP)

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SQL Questions

- Where Clause
- Joins Multiple Table
- Aggregate Functions
- Group By
- Having
- Sub-Query
- Window Functions
- Ranks
- Nth Salary

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