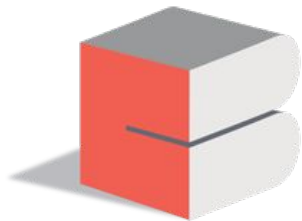


RoadMap



**CODING
BLOCKS**

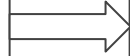
Code Your Way To Success

Objectives

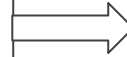
- General Placement Process at Product Based Companies
- What to do next ?
- Off-Campus Placement
- Miscellaneous

The Placement Process

**Resume
Shortlisting**



**Aptitude and
Technical Tests**



Interviews

Resume Shortlisting

— — —

- **CGPA** (≥ 7.5 for SDE Roles, ≥ 8.0 for Research Roles, no backlogs)
- Past Experience (Internships etc.)
- Projects (Development/Research)
- Technical Skills
- Coursework

Aptitude MCQ Test - (optional)

— — —

- **Non-Technical**

- Quantitative Ability*
- Logical Reasoning
- Verbal Ability

- **Technical**

- Database Management System (DBMS)
- Operating System (OS)
- Compute Networks (CN)
- Data Structure and Algorithms (DSA)
- Object Oriented Programming (OOP)

Technical Test

— — —

Coding test based on **Data Structure and Algorithms (DSA)**

Interviews

— — —

- **Technical Interview (3-5* Rounds)**

- Data Structures and Algorithms
- Projects
- Internships

- **Non-Technical Interview (1-2 Rounds)**

- HR Round
- Behavioural/Leadership

What to do next ?



Revision Phase [0 to 4 Weeks]

— — —

The **Objective** is to revise DSA & problem solving techniques learnt during the course.

- Arrays
- Recursion
- Linked List
- Stack and Queues
- Trees
 - Binary Trees
 - Binary Search Trees (BST)
 - Heaps (Priority Queues)
- Hash Tables (Hashing)
- Sliding Window
- Tries
- Dynamic Programming
- Graphs

Practice and Self-Learning Phase [8+ Weeks]

— — —

The **Objective** is to improve problem solving skills by

- Solving problems on [LeetCode](#) / CodeForces
 - Choose a topic each week, solve **X** questions on that topic every day.
- Participating in contests on a weekly basis.
- **Consistency** is the key

How to build Resume ?

— — —

- Competitive Programming
 - CodeForces, CodeChef, Hackerrank, Kickstart etc.
- Development
 - Web Development
 - FrontEnd
 - BackEnd
 - Mobile Development
 - Android
 - iOS
- Data Science / Machine Learning
 - Natural Language Processing
 - Computer Vision
 - Speech Recognition

Off-Campus Placements

How to apply off-campus placement ?

— — —

- **Referrals** from a friend/senior/relatives
- Online Jobs Portals/Boards
 - Google Search (aggregates results from various job-boards)
 - linkedIn.com
 - indeed.com
 - angel.co
 - glassdoor.com
 - stackoverflow.com
 - hackerrank.com (via hackathons)
- Company career pages
- Research Institutes (indian/abroad)
 - IITs/IISc/IIITs etc.

Miscellaneous

Technical Higher Education in India

— — —

- **Programs**
 - **Research Oriented**
 - Phd (5+ Years)
 - MS (3+ Years)
 - **Industry Oriented**
 - M.Tech (2 Year)
- **GATE Examination**
 - 70% Core CS
 - 15% Engineering Mathematics
 - 15% General Aptitude

Google Feedback

Thank You and Best of Luck 🕶️🙏

Connect with me

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