# Data Structures & Algorithms Fellowship

Master DSA and break into a career at top technology companies in 4 months!

Live Sessions on Zoom

4 months Fellowship timeline Mentorship

With experienced engineers

**Placement** Support for 1 year Cohort 6 starts on Aug 5 Cost ₹9,999 ↑ Notify Me This batch has already ended. Join the waitlist to get notified when the new batch is announced



#### Announcing Front-end Web Developer Fellowship

Kickstart your software development career and grab an opportunity at top tech companies such as PhonePe, CRED, OLA and more.

Check it out →

### Our learners have secured jobs at 100+ product companies



























What Will You Learn

### Introduction to Programming (C++ or Java)

- IDE: Installation and Setup
- Variable, Data Types and Pointers
- Operators
- Conditional Flows
- Arrays, Objects, Functions and Classes
- OOPs
- · STL/Collections

### Data Structure and Algorithms (DSA) - Elementary

- Time and space complexity analysis
- Basic Math for Coding
- 1D arrays
- Techniques on Arrays: 2 Pointer, Sliding Window, Prefix sum, Hashing
- Bit manipulation
- · Binary search
- · Recursion and Backtrackina

### Data Structure and Algorithms (DSA) - Intermediate

- · Sorting Techniques
- 2D Arrays Traversal and Techniques
- Linked List
- Stacks & Queues

### Data Structure and Algorithms (DSA) - Advanced

- Trees: Introduction, Binary Trees, and BST

- · Graphs: Introduction, Representation, Algorithms
- Greedy Techniques

- Dynamic Programming (DP)
- String Matching Algorithms: KMP, Rolling Hash, etc

Download detailed curriculum 🕹



# Which language do you teach DSA in?

- We teach DSA in a language agnostic manner
- Understand the fundamentals which you can apply across languages
- Solution Code will be available in C++, Java, Javascript and Python
- Solve problems in language of your choice (C++, Java, Javascript and Python)
- Get any language specific doubts resolved in mentor sessions



## **Live Class Schedule**

Learn live with instructors and mentors every week



**Live Classes** 

Every Mon, Wed and Thu 8:00 PM - 9:30 PM IST



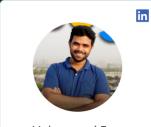
**Mentor Session** 

**Every Tue** 

9:00 PM - 10:30 PM IST

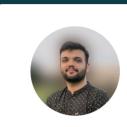
# **Learn Concepts From Fraz**

in



Mohammad Fraz Software Engineer 2 at Google

Google



Parv Budhiraja Software Engineer 2 at Google

Google



in

Software Engineer at Microsoft

Microsoft

# 1 Year Placement Support

Clear the cut-off marks in your graduation project to get access to jobs at our partner companies



Your Future Job Title

# Software Developer

Average SDE-1 Salary 8-12 Lakhs

Highest Salary of past learners at NextLeap 31 Lakhs

# **How Your Avg Cohort Looks Like**

40% College students

60%
Working professionals

2 years
Average work experience

Take a Peek At a Live Session



# **Build Skills The Nextleap Way**











# Verifiable Certificate of Accomplishment

Upon completing the Data Structures & Algorithms Fellowship course, you'll receive a verifiable Certificate of Accomplishment that you can link to from your Résumé and LinkedIn profile.

# Frequently Asked Questions

Who can enrol for this fellowship?

We will teach programming from very basics, so you can enrol even if you have not done programming before.

•	I am from a non-tech background without any prior programming experience. Can I join?	•
•	Are the sessions live or recorded?	<b>~</b>
•	When are live sessions held?	<b>Y</b>
	What if I miss a live session?	•
	What are practice problems?	•
	What if I have a doubt and can't find a solution to it on my own?	•
	Who are mentors?	•
	What language will be used to teach DSA?	<b>~</b>
	When will the placements start?	<b>~</b>
	What's included in the 1 year placement support?	<b>~</b>
	Will your partner companies hire for internships or full time roles?	<b>~</b>
	Will I receive a completion certificate?	•
٠	Are the programs open to postgraduate students? Are they open to people with non-tech backgrounds? Is there a criterion for CGPA?	*
	Is the EMI option available as a payment method?	•
	If I am unable to attend the program or need to withdraw at the last minute, will I get a refund?	•
	Can I get this reimbursed from my company?	•
	I'm a pre-final year student. Am I eligible to apply?	•

 Cohort 6 starts on
 Time Commitment
 Cost

 Aug 5
 18/20 hrs per week
 ₹9,999

## This batch has already ended

Join the waitlist to get notified when the new batch is announced



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