# Data Structures & Algorithms Fellowship

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

| **Live** | **4 months** | **Mentorship** | **Placement** |
|---|---|---|---|
| Sessions on Zoom | Fellowship timeline | With experienced engineers | 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

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### 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 →**

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

⚡Flash    betterhalf    BYJU'S    CARS24    Flipkart    Jupiter    CARS24    OLA    media.net    meesho    PhonePe    Spinny

## What Will You Learn

**Month 1**

### 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

**Month 2**

### 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 Backtracking

**Month 3**

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

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

**Month 4**

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

- Trees : Introduction, Binary Trees, and BST
- Heaps
- Tries
- 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

### Mohammad Fraz
Software Engineer 2 at Google

Google

### Parv Budhiraja
Software Engineer 2 at Google

Google

### Saksham Arora
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

**Mock Interviews**

**Resume Reviews**

**Interview with Hiring Partners**

| | | | | |
|---|---|---|---|---|
| Jio | BYJU'S | OLA | CARS24 | PARK+ |
| airtel | Jumbotail | moengage | Expedia | Flash |

and many more...

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

nextleap

DEMO CLASS
DATA STRUCTURE & ALGORITHMS FELLOWSHIP

WITH MOHAMMAD FRAZ

# Build Skills The Nextleap Way

**Live Sessions**

**Coding Contests**

**Mentor Feedback**

**Peer Learning**

nextleap

## Certificate of Completion

Congratulations on taking your next leap towards accelerating your career growth.
Keep learning, keep growing!

This certificate is proudly awarded to

**Priya Krishnan**

for successfully completing

**Data Structures & Algorithms Fellowship**

12/08/2022
Date

Mohammad Fraz
Instructor, DSA Fellowship

## 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? ⌄
- When are live sessions held? ⌄
- 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? ⌄
- When will the placements start? ⌄
- What's included in the 1 year placement support? ⌄
- Will your partner companies hire for internships or full time roles? ⌄
- Will I receive a completion certificate? ⌄
- 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 |

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🔔 Notify Me

Javascript Compiler

Go Compiler

NextLeap is an ed-tech startup voted as one of the Top 100 Edtech Startups in South Asia with a mission to help early career professionals to transition into roles in product management, UX design and software engineering in product companies. Our industry-relevant curriculum is taught by top tech instructors and mentors, and our students have gone on to work at leading tech companies like Flipkart, Swiggy, PhonePe, Ola, Meesho and many more. With job placement opportunities at 150+ top tech partner companies, we have placed 300+ students in 2022 itself with an average salary of 10+ LPA.

Request a callback

Message us on WhatsApp