

# JOB ORIENTED ADVANCE DATA STRUCTURES AND ALGORITHMS WITH SYSTEM DESIGN

For Professionals

By Professionals

- Founded by NIT Trichy Folks
- Course Designed by 30+ professionals from Top Tier Companies
- **Guaranteed Job Referrals** in Top Product Based MNC



## ABOUT TUTOR

- ✓ We are an Ed-Tech startup founded by people coming from Google and Microsoft and alumni of NIT Trichy. We provide courses for **working professionals** in the field of Software Development, Data Science, Artificial Intelligence, and Machine Learning. These courses are designed with the help of **30+ professionals from top-tier companies**.
- ✓ We aim to bridge the gap between the students and the companies. We provide comprehensive knowledge and world-class training that satisfies top MNC's standards.
- ✓ Our instructors are from **FAANG and top-tier product-based companies** and have a highly experienced background that helps our students to gain more industry-relevant experience.

## WHY TUTOR ?

- ✓ Learning software development can never be this easy with our latest curriculum, examples, carefully designed projects, and ultimate mentor support is provided for industry skills to be established. We make every penny you invest worth it.
- ✓ We provide dedicated Placement Assistance and Job Referrals to our students. We also have **tie-ups for placements** in companies like Microsoft, Amazon, JPMC, Walmart, Zoom, Juniper Network, Myntra, etc.
- ✓ We provide **Live Interactive Classes** as well as **one on one** doubt clearing sessions that help our students to constantly work on their projects and learnings. Our mentors are from companies like **Google, Microsoft, Amazon, Adobe, Paytm, Paypal**, etc.

### Our Advantage :

- Guaranteed job referrals from various top product-based MNCs and startups.
- No sales person is involved during the enrollment process. You will directly interact with FAANG & top product-based MNC mentors.



# PROGRAM FEATURES

## FAANG AND TOP TIER MENTORS

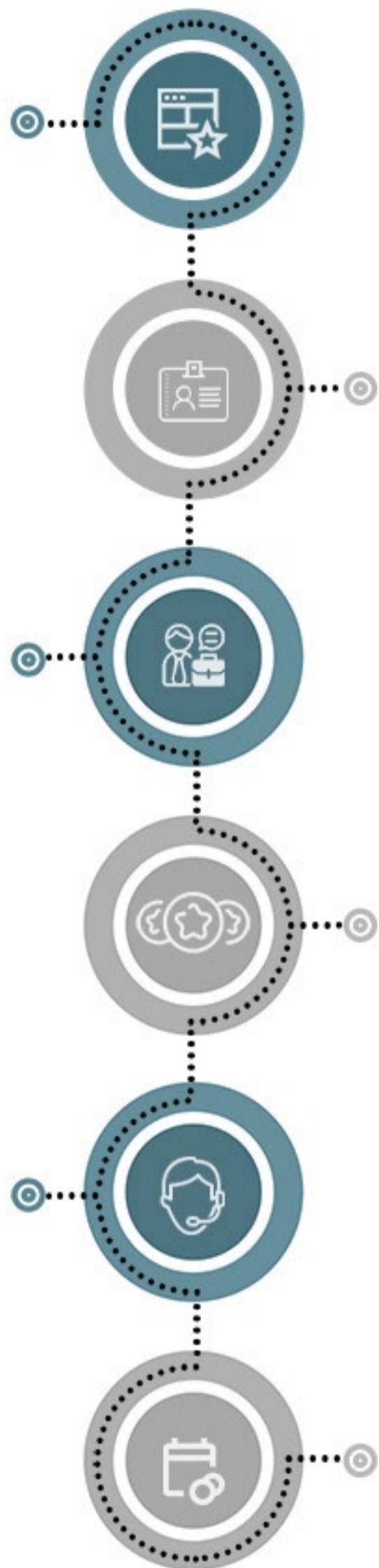
- The course is designed by 30+ professionals of top companies.
- Get trained by FAANG and top tier mentors.
- For working professionals with live interactive sessions.

## PERSONAL MENTORSHIP & STRUCTURE PROGRAM

- Structured, personalised & flexible program.
- One on one mentorship for doubt clearing sessions.

## DEDICATED CAREER ASSISTANCE

- Career guidance by industry experts.
- Resume and mock Interview sessions.
- Guaranteed job referrals.



## FLEXIBLE PASS (ONE YEAR)

- One year flexible pass so you can attend multiple batches with multiple trainers.
- Lifetime access (recordings and content) with updates.

## PROFILE REVIEW BY

- Basic qualification check by the admission committee.
- Shortlisted candidates will get a call from the mentor ( Google, Microsoft, Amazon, etc. )

## FLEXIBLE PAY

- No cost EMI available on major credit cards (ICICI, HDFC, Axis, City, etc.).
- Interest-free loan available without credit card.

## Our Advantage :

- You will get one to one calls from mentors to check on your progress .
- Flexibility to attend live classes for two years and access to recordings and materials for lifetime.

# STUDENT SPEAK



AKANSHA  
LIKHDARI  
Software Engineer III



[View LinkedIn Profile](#)

[Success Story Video](#)

"I am very thankful to Tutort Academy and mentors, because of their support I cracked Walmart as an SDE-3. Their course content, mentors, doubt clearing sessions, and one-to-one mentorship really help a lot. Whenever I was stuck, I posted in groups, where we discussed and we used to get a call from a mentor ASAP. If you are serious about your career and pursue a role similar to SDE in a product-based MNC then Tutort Academy will really help you in the journey."



Shaloni  
Gangrade  
SWE



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[Read more on Quora](#)

"Joining Tutort Academy was a turning moment in my life. All of the faculty are excellent and have extensive experience in their fields. Their modules and learning methodology are job-oriented and in real-time."



JAYANT  
KUMAR  
Senior Data Engineer



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[Read more on Quora](#)

"There were various training platforms that came up when I searched for DSA programs and most of the training platforms are sales-oriented and I did not get proper guidance. When I got in touch with the team at Tutort Academy, I spoke to a professional working in google and he provided me with great insights and that is when I decided to get enrolled . I highly recommend the DSA & System Design programs that are offered at Tutort Academy for the ones who are passionate about coding. To grab a job to get rightly trained and today I am working Microsoft . Glad to be a part of it."



NIKESH  
BISEN  
Software Engineer



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[Success Story Video](#)

# STUDENT SPEAK



**GARIMA GUPTA**  
Business Analyst

"Rich Content, Excellent training & a great support team at Tutort Academy. Working professionals will benefit from top-notch amenities such as a one-year pass to attend lectures and career transitional services. The course is trained from a basic to an advanced level. If you miss out on any lecture or want to revise any topic you can refer to recordings anytime. Happy to be a part of Tutort Academy ."



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**Basant Pratap Singh**  
Software Engineer



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**RITIK GUPTA**  
Python Developer

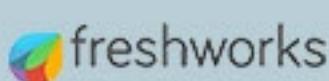
" I had a great experience with Tutort Academy. The most unique educational platform for the DSA program in India right now, with FAANG instructors and high-quality training at an affordable price with life-time LMS access (content & videos). The support team is doing great work, quite responsive to whatever issues that we face! Highly recommended for Working Professionals. "



[View LinkedIn Profile](#)

[Read more on Quora](#)

## OUR STUDENTS ALSO WORK AT



## Our Advantage :

- Students can directly interact with mentors during the classes due to a small batch size.

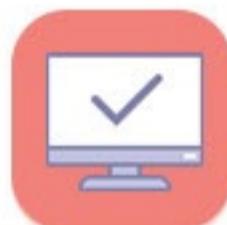
# PROGRAM SYLLABUS

**MODULE 0:**  
Programming Basics



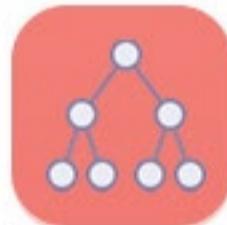
**6**  
HOUR

**MODULE 1:**  
Problem Solving DSA +  
Algorithms + Advanced DSA



**75**  
HOUR

**MODULE 2:**  
Design Pattern + System  
Design + 2 Real-World Case  
Studies



**65**  
HOUR

**MODULE 3:**  
CS fundamentals + Resume  
Sessions + Mock Interview  
Sessions + Job Referrals



**15**  
HOUR

## Our Advantage :

- You will get assignments every week and doubt clearing one-on-one sessions.
- Every two weeks you get a call from your mentor to track your progress.
- After successfully completing module 1, students are eligible for -
  - Resume and mock interview sessions by FAANG mentors.
  - LinkedIn profile optimization session
  - Salary / Designation negotiation tips and tricks
  - Guaranteed job referrals in top product-based MNC
- You can start giving interviews after Module 2 and parallelly you can do Module 3.

# COURSE CONTENT

## 1 MODULE 0

### Programming Basics | 6 Hour

- Operators
- Loops
- Functions
- Pointers
- Memory Allocation

#### Note:

Foundational classes are provided for those who want to brush up on the basics.

## 2 MODULE 1

### Problem solving in DSA | 35 Hour

- Complexity Analysis
- Array
- Linked List
- Stack and Queue
- Tree
- Graph
- Heap and Priority Queue
- Hashing and Map
- Recursion

## 3 Algorithms | 25 Hour

- Searching Algorithms
- Sorting Algorithms
- Back Tracking
- Greedy Algorithm
- Dynamic Programming
- Divide and Conquer Algorithms

# COURSE CONTENT

## 4 Advance DSA Topics | 15 Hour

LRU Cache  
Trie  
Suffix Tree  
String Matching Algorithms  
Ternary Search Tree

**Note:** Solve real-world problems asked in Google, Microsoft, Amazon, Adobe, etc companies. Will Solve 300+ quality-wise problems.

## 5 MODULE 2

### Design Pattern | 25 Hour

Creational pattern  
Structural pattern  
Anti-patterns  
Behavioural pattern  
Refactoring

## 6 System Design | 35 Hour

Design Concepts  
Data Persistence  
Networks  
Communications  
Cap Theorem  
Infrastructure  
Behavioural UML Diagram  
Structural UML Diagrams  
High Level Design  
Low Level Design

# COURSE CONTENT

## 7 Real World Problems System Design

Designing a URL Shortening service like Tiny URL

Design a scalable e-commerce website (Amazon, Flipkart)

Design Messaging Service (Whatsapp/Facebook Messenger/Telegram)

Designing Youtube or Netflix

Google Search

Uber Design

**Note:** You need to work 2 case studies in system design .

## 8 MODULE 3

### Computer Science Fundamentals | 12 Hour

Operating System

DataBases

Computer Networks

**Note:** After module 2 we have resume mock interview session LinkedIn profile optimization and role and salary negotiation sessions and tips and tricks we have from FAANG mentors.

## Our Advantage :

- The course content is designed by 30+ industry professionals from top-tier MNCs like Google, Amazon, Microsoft, Adobe, Paypal, Zoom, Walmart, Freshworks, etc.

# ABOUT MENTORS



**NISHANT GUPTA**

- Currently working in Microsoft.
- Has knowledge and teaching experience in DSA and System Design, and some other topics like Design, Problem Solving, Java, SQL, and MongoDB.
- His students are well placed in top-tier companies and product-based MNCs like Microsoft, Jpmc, Walmart, Zoom, etc



**GAURAV AGRAWAL**

- Currently working in Google.
- Has teaching experience in DSA and System Design, and has good knowledge of Algorithms, Programming, Big Data and Web Applications, etc



**SUNNY**

- Currently working in Microsoft.
- Has knowledge and teaching experience in Data Structures and Algorithms. Specializes in solving complex problems and algorithms.
- His students are well placed in companies like Amazon, Amdocs, and Cisco.



**SRIKANT**

- Currently working in Adobe.
- Has a good experience in DSA, System Design, Design Patterns, Databases, and Public Speaking.



**ABHISHEK**

- Currently working in Amazon.
- Has expertise in problem solving, designing, and critical thinking
- Is passionate about Game Development, Competitive Programming, and Algorithms.

## Our Advantage :

- Our mentor has industry-relevant experience from companies like Google, Amazon, Adobe, Microsoft, Paytm, Paypal, etc .

# ADMISSION DETAILS

1

## REQUIREMENTS

- ✓ Working professionals who have 2+ years of experience (Technical)
- ✓ The basics of programming such as if/else statements, loops & methods in some programming languages.



DURATION  
6 months



PROGRAM FEE  
₹ 49,999/- (Excl. all taxes)

2

## FLEXIBLE-PAY OPTION AVAILABLE:

- ✓ Candidates can make the payment through Credit Card or Debit Card or Net Banking
- ✓ No Cost EMI options are also available
- ✓ FINANCIAL AID: Interest-free loan available on debit cards.

3

## SELECTION PROCESS:

01

Apply for  
Counselling



Basic  
Qualification  
check  
02

03

Shortlisted  
Candidates  
get call from  
mentor



Enrollment  
Process  
begins  
04

## Our Advantage :

- No salesperson involved, directly talk with mentors during the whole admission process.

Start Your Journey With Us  
NOW.



Apply Now



WhatsApp

FOR FURTHER INFORMATION (CLICK)



[www.tutort.net](http://www.tutort.net)



[contact@tutort.net](mailto:contact@tutort.net)