

NAVIGATE → YOUR WAY TO TOP TECH GIANTS

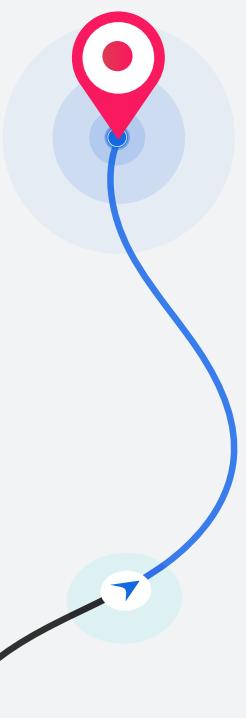
Roadmap by **Scaler Academy**



ABOUT **SCALER**



Scaler (by InterviewBit) is an outcome-focused leading ed-tech platform for tech enthusiasts. The industry-vetted approach towards teaching & training working professionals helps them upskill & bag the career of their dreams. We are a transformative tech school devoted to creating a growth ecosystem to assist software professionals in unlocking talent & opportunities at every stage of their careers. Students enrolled here are taught, guided, and mentored by top professionals and experts working at leading organizations, including Google, Facebook, Intuit, Microsoft, Amazon, Hotstar, etc. Our learners have witnessed a 5x RoI (Return on Investment) from our programs. Our offerings include- Scaler Academy & Scaler Data Science.



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ACADEMY OVERVIEW

A run-down of Scaler Academy

Many aspiring engineers (like YOU!) are exposed to ‘old’ teaching methods and are taught to ‘cram’ content. This not only creates a tech gap but also makes them under-confident and prevents them from accelerating their career.

OLD STRATEGIES WON'T OPEN NEW DOORS.

Unlock a brighter TECH future with insights from MAANG Veterans!

Scaler Academy will make you industry ready through a rigorous curriculum prepared and taught by industry experts. With our support, you can

#CreateImpact in the Tech World. Your skills clubbed with our expertise, will help you make headway towards your **North Star: Tech Giants!**

Here's what you can expect as you go about exploring Scaler Academy's Roadmap to Success:

- Structured, Flexible, Industry-Vetted Curriculum
- Live Classes by Experts who have Been There, Done That
- Get hands-on experience with Live Projects
- Placement Support & Career Guidance
- Regular 1:1 Mentorship
- 9 - 11 Months of Dedicated Learning

SCALER ADVANTAGE



Fastest route to your dream career

As a Technophile, you are enthusiastically searching for clues that will help you scale both professionally and academically. Scaler Academy will carefully weave your skills & enrich your learning experience.



- **Track Your Progress through Live Report Card**
- **600+ Partner Employers & Placement Assistance**
- **Thorough learning through Industry Projects**
- **Flexible Learning Hours**
- **Immediate Evaluation to monitor your progress**
- **Aspirational Community of 20K+ Scaler Learners & Alumni**
- **Hyper-Personalised Experience**
- **Resolve Doubts with expert teaching assistants**

Want to experience upskilling with Scaler?

[Attend a Free Class](#)

WHO IS THIS FOR?

Eligibility & Fit Check

Before you begin your upskilling journey, your roots must be in:

-  **Engineering / IT / Maths Background**
- (OR)
-  **Developing role (Service-based company)**
- (OR)
-  **Engineering role (Product-based company)**



Once you pass the eligibility criteria, let's find you a route:

Our Program ensures that you get equipped with the confidence and skills required to overcome the most formidable hurdles a Techie may encounter in their journey ahead.

Take the Scaler Entrance Test: 16 MCQs and see where you fit.



Take it from the Top:
BEGINNER BATCH

10 MONTHS Journey

For learners with little or no Coding Experience



Hop on the Midway:
INTERMEDIATE BATCH

11 MONTHS Journey

For learners with basic Coding Experience



Zoom to the Core:
ADVANCED BATCH

09 MONTHS Journey

For learners with notable Coding Experience



CURRICULUM OUTLINE

The Blueprint to Success

Our expert-led curriculum is custom-designed to fast-track your journey to becoming a better programmer. We will prepare you to tackle the toughest challenges you may face as you make headway in your career.

Course Outline for Beginners

10 Months

Core Outline

- ▶ Programming Language Fundamentals | **Duration: 1.5 Months**
- ▶ Data Structures and Algorithms | **Duration: 4.5 Months**
- ▶ SQL | **Duration: 0.5 Month**
- ▶ System Design Essentials | **Duration: 1 Month**

Specialisation*

- ▶ Fullstack Engineering | **Duration: 3 Months**
- ▶ OR
- ▶ Backend Engineering | **Duration: 3 Months**

Electives (Optional)

- ▶ Advanced Software & System Design | **Duration: 3 Months**

*Only 1 Specialisation is allowed per learner, Recorded lectures for others can be availed through 'Request from Support'. At Least 1 Specialisation is mandatory for successful completion of the course.



CURRICULUM OUTLINE

The Blueprint to Success

Course Outline for Intermediate

11 Months

Core Outline

- Programming Constructs | **Duration: 2 Months**
Problem Solving Techniques, Data Structures, Advanced Problem Solving Techniques, Programming Language Internals**, Database Management Systems, Operating Systems, Computer Networks, Software and System Design | **Duration: 7 Months**

Specialisation*

- Fullstack Engineering | **Duration: 2 Months**
- OR
- Data Engineering | **Duration: 2 Months**

Electives (Optional)

- Data Structures and Algorithms for Competitive Programming | **Duration: 3 Months**
- OR
- Product Management for Engineers | **Duration: 1 Month**

*Only 1 Specialisation is allowed per learner, Recorded lectures for others can be availed through 'Request from Support'. At Least 1 Specialisation is mandatory for successful completion of the course.

**To be conducted in an inverted classroom model.

CURRICULUM OUTLINE



The Blueprint to Success

Course Outline for Advanced

09 Months

Core Outline

- ▶ Problem Solving Techniques, Data Structures, Advanced Problem Solving Techniques, Programming Language Internals**, Database Management Systems, Operating Systems, Computer Networks, Software and System Design | **Duration: 7 Months**

Specialisation*

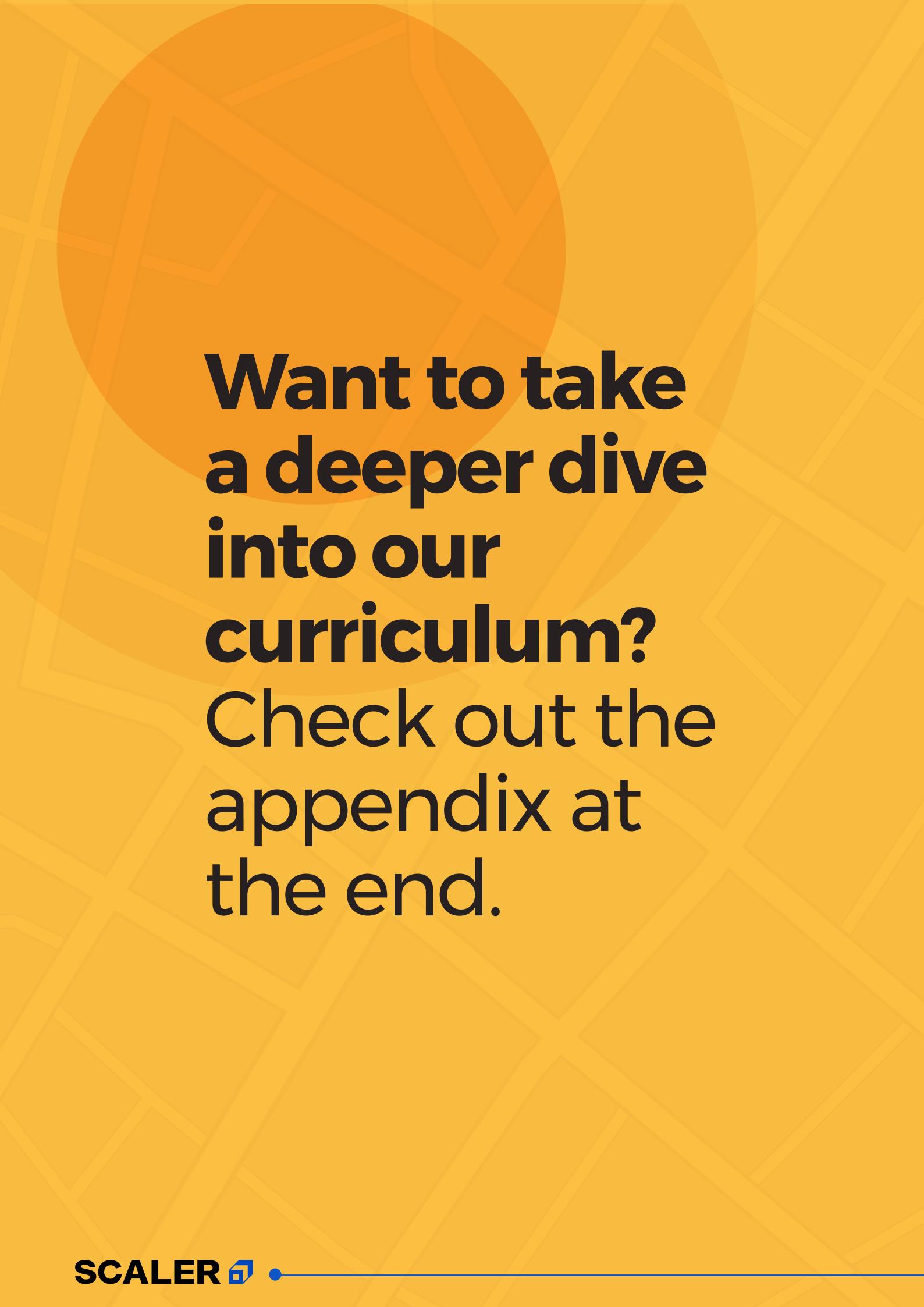
- ▶ Fullstack Engineering | **Duration: 2 Months**
- ▶ OR
- ▶ Data Engineering | **Duration: 2 Months**

Electives (Optional)

- ▶ Data Structures and Algorithms for Competitive Programming | **Duration: 3 Months**
- ▶ OR
- ▶ Product Management for Engineers | **Duration: 1 Month**

*Only 1 Specialisation is allowed per learner, Recorded lectures for others can be availed through 'Request from Support'. At Least 1 Specialisation is mandatory for successful completion of the course.

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**Want to take
a deeper dive
into our
curriculum?
Check out the
appendix at
the end.**

SUCCESS STORIES



Trusted to Deliver Excellence

- Our learners have experienced a noticeable leap in their careers post joining Scaler Academy. From guiding-mentoring to providing constructive feedback(s), we at Scaler leave no stone unturned when it comes to our learners' future.

21.6 L

AVERAGE CTC FOR SCALER LEARNERS

31.8%

PROMOTION RATE (ONE YEAR POST SCALER)

126%

AVERAGE HIKE FOR SCALER LEARNERS

1.7 Cr

HIGHEST PACKAGE OFFERED TO SCALER LEARNER

2000+

SUCCESS STORIES OF SCALER LEARNERS

SUCCESS STORIES



Don't take our word for it, take theirs!



Anuj Maurya Wipro → Amazon
Software Developer

The quality of education in the academy boosted my skill level and pushed me. With their industry level experienced mock interviews and incredibly supportive mentors. Receiving an offer letter from Amazon before the completion of the entire course filled me with immense pleasure and boosted my confidence.



Priyanka Kumari Infosys → Samsung
Lead Engineer

Thanks to Abhimanyu Saxena and Anshuman Singh for creating a wonderful learning platform. I would like to thank Kshitij Mishra Naman Bhalla Pragy Agarwal for their wonderful sessions. With their continuous efforts, the outcome is I got offers from World's leading companies. They made the software development journey so easy.



Akash Srivastava TCS → Adobe
Software Engineer 2

Instead of being boxed into categories, we were encouraged to learn skills like dynamic programming and have fun. The mentor system is helpful for people like me who face difficulty finding the right guidance. I felt like I was articulating all my skills and investing my time in the right thing.

SUCCESS STORIES



Don't take our word for it, take theirs!



Yash Vardhan Raizada 

L&T → Microsoft

Software Engineer

I already had all the tools to find my way in the world, but Scaler and its faculty helped me understand how to use these tools. It also helped me form a framework to go for reputable jobs and curate my profile according to my strengths.



Sudhanshu Gera 

Wipro → Walmart

SDE 3

The turning point in my career came when I joined Scaler which really helped me get well-versed in almost every aspect of #SoftwareDevelopment. Thanks to my mentors Rahul Yadav, Aman Mehta, Varun Garg, Anshuman Singh, Abhimanyu Saxena, Reetika Agrawal for guiding & supporting me enough to be working at the world's largest company by revenue.



Chandrakanth Nethi 

Deloitte → Swiggy

SDE

I would like to thank Scaler without which this would not have been possible. Scaler is the best investment I have made towards my career. All credit goes to Abhimanyu Saxena & Anshuman Singh for creating such a wonderful platform, Scaler instructors. Thanks for their intuitive classes, and thorough explanation of concepts.

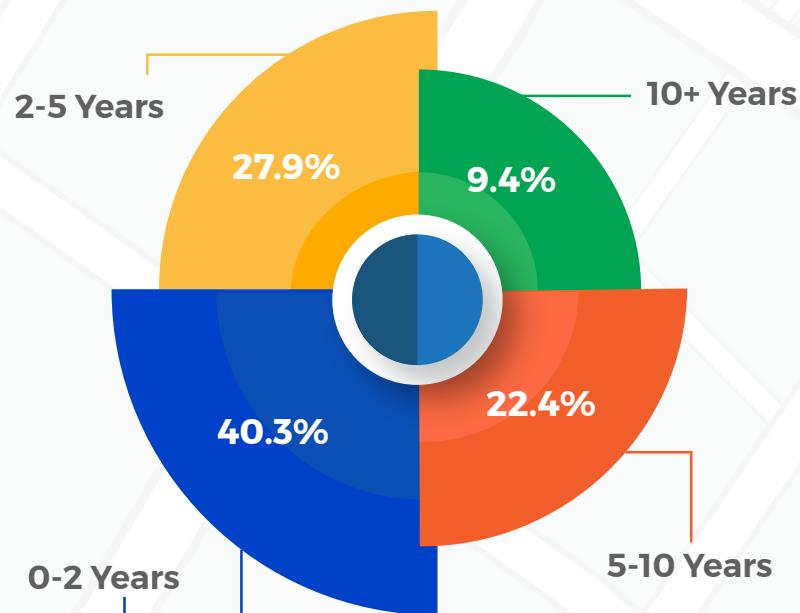
BATCH PROFILE

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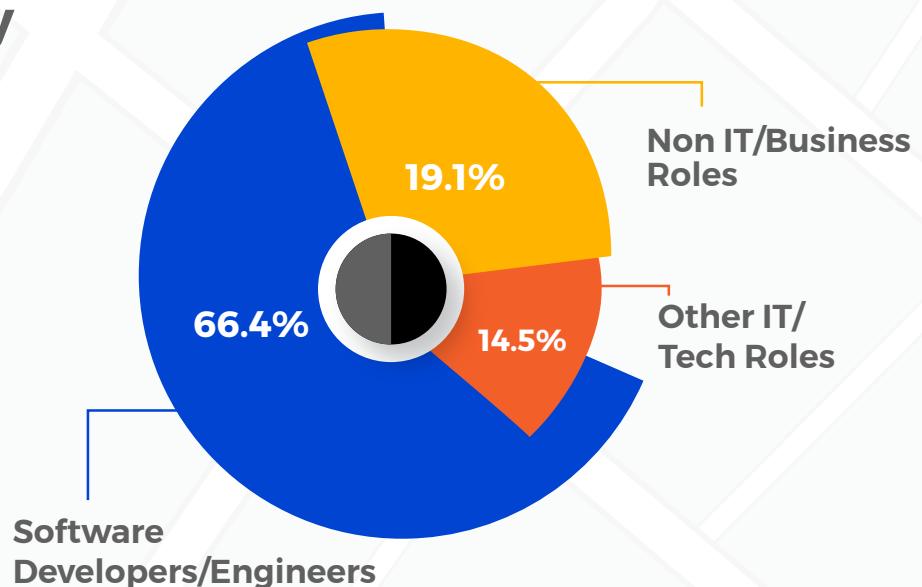
The Scaler Academy Batch Looks Stellar!

Upskilling with experts is all well & good, but having a stellar batch makes your upskilling journey 10x more challenging & exciting. Meet your potential batchmates & brace yourself for a brighter skill-driven career.

Learners' Work Experience



Learners' Industry Background

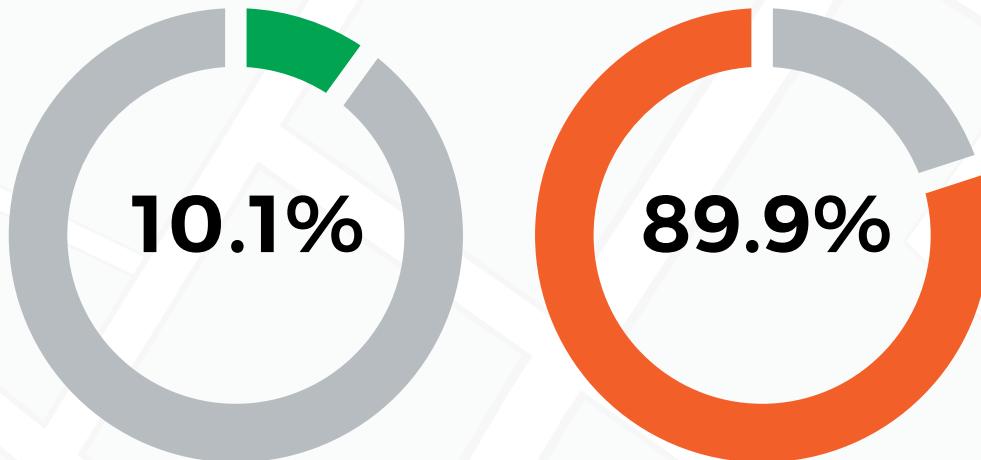




BATCH PROFILE

Learners' Academic Background

- █ IITs/ NITs/IITs/BITS
- █ Others



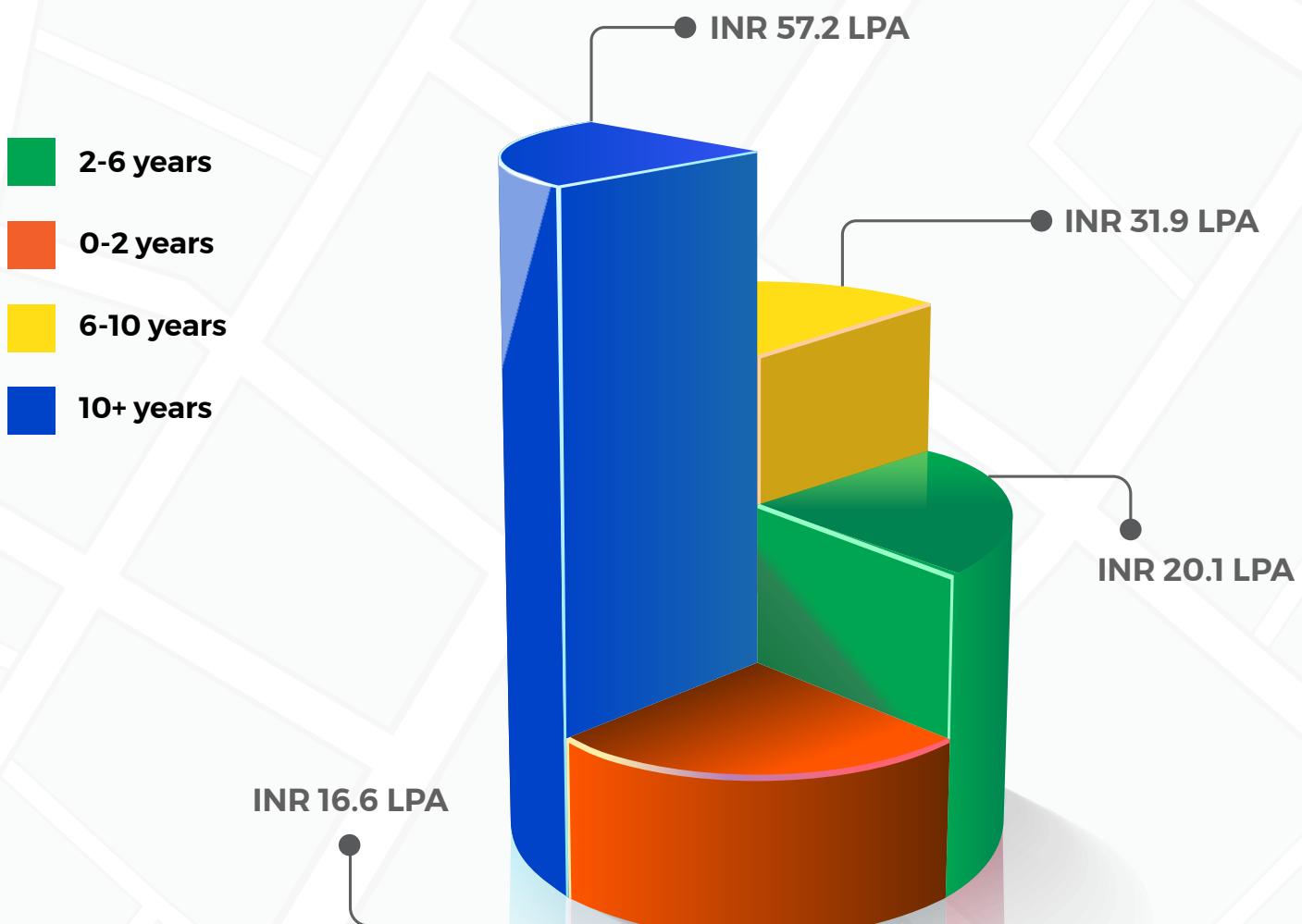
Join the versatile community of aspirational working professionals who are all set to #CreateImpact in the real world.

Enrol Now 

BATCH PROFILE

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Average Salary Post Scaler viz a viz years of experience



MEET OUR INSTRUCTORS

Learn from the Experts



OUR EXPERT TROOPERS WILL GO THE EXTRA MILE WITH YOU!

Anshuman Singh

Co-Founder, **SCALER**  , Ex- **facebook**

Anshuman Singh is the Co-Founder of Scaler and a two-time ACM ICPC world finalist. He was one of the founding team members of Facebook Messenger and worked directly with Mark Zuckerberg on product development.



Satya Sai

Ex-SDE, **amazon** 

Ex-Amazon SDE, Satya Sai is a learner by choice and a teacher by heart, combining the two he has mentored over 500+ students on DSA at renowned institutions like VNR-VJIET, Vardhaman, and CMREC. Now, Satya is one of Scaler's top-rated instructors who also won the Turning Cup in 2019.



Naman Bhalla

Ex- **Google** 

Ex-Googler, Naman Bhalla is Scaler's finest instructor. He secured global rank 135 at Google's Kickstart Round D, and 37th rank at ACM ICPC Kanpur Regionals, 2019-20. Naman is proficient in Spring, React, Redis, Kafka, and Flask. Currently, he is heading and building Scaler Topics from scratch.

MEET OUR INSTRUCTORS

Learn from the Experts



Kshitij Mishra

Ex-Software Engineer, snapdeal

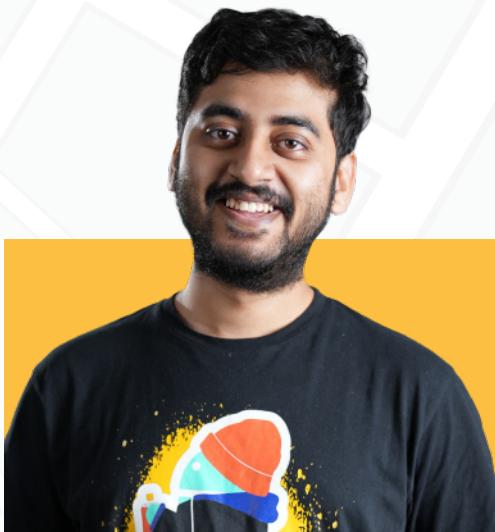
Kshitij Mishra is an ex-Software Engineer II at Snapdeal and an ex-Lead Software Engineer at InterviewBit. He pursued his Bachelor's in Computer Science & Engineering from IIT Hyderabad and is currently heading the team of Instructors at Scaler.



Utkarsh Gupta

Ex- Google, Germany

An ex-Googler in Germany, Utkarsh is a master at Codeforces and a 6-star coder at CodeChef. He secured AIR 1 in Google Hash Code 2019. Skilled in core Java, C, C++, Object Oriented Programming, Boolean Algebra, and Mathematical Analysis. At present, Utkarsh is a Team Manager and Instructor at InterviewBit/Scaler.



Arnav Gupta

Ex-Engineering Head, zomato

Former Engineering Head of Zomato, Arnav Gupta is the Co-Founder of Coding Blocks and has 10+ years of Android experience under his belt. He has been a dedicated programming contributor to Android OS. Currently, Arnav is an Instructor and Engineer at Scaler.



MEET OUR MENTORS

Navigate your career with 1:1 Mentorship

Get clarity on your career path and tackle every stage of your upskilling journey with 1:1 guidance. Our mentors will go all the way to help you with your queries— interview insights, placement assistance, and make sure you forge ahead with the right guidance.



4.9/5
RATING

Goutham Harsha, Google

Goutham is currently a Tech Lead at Google, Switzerland. He has worked at Apple as a senior SWE and Microsoft as SDE-II. He has worked on several distributed systems including Azure Compute, Apple Music, and Google Borg.



4.9/5
RATING

Udit Agarwal, Microsoft

Udit is a Backend expert, who has worked with tech giants like Microsoft, Amazon, Adobe, and Directi. An IIT Allahabad alumnus, he has worked and built Chat applications, e-commerce sites, cloud file systems, streaming systems, etc.



4.8/5
RATING

Divya Karia, Google

Divya has delivered multiple e2e projects, including the launch and ideation of Google Play and Google Ads. She has mentored several freshers and her expertise lies in backend development, Databases, Java, C++, Python, C#, AWS, Azure, Hadoop, etc.



4.8/5
RATING

Vinod Kumar, Facebook

Vinod has worked at tech giants like Microsoft, and Amazon, currently, he is working as a backend Software Engineer II at Facebook, London. He is proficient in C#, Java, NodeJS, cloud computing, distributed systems, data structures and advanced algorithms.

SCALER SUPPORT

Amp up your Career



With the right career support, you can make a real-world impact.
Fasten your seatbelts, we're going to accelerate your career.

→ Connect &
collaborate
with **20K+**
Scaler alumni

→ Practice mock
interviews with
Industry Ninjas

→ Access job
opportunities
from **600+**
Partner
Employers

→ Polish your resume,
LinkedIn Profile
& get the needed
Placement Assistance



SCALER SUPPORT



Top Tech Companies Cherish
Our Alumni working at:





HOW TO ENROL?

Unlock Your Gateway to Tech Giants

Invest in Scaler Academy

Our payment plans include multiple easy financing options (No Cost EMIs, Scholarships) that make Scaler accessible to everyone.

We offer a 2 weeks trial period and a money-back guarantee if you choose to drop out of the course.

Enrollment Process: Kickstart your journey



Hassle-Free Registration

Make a new account on www.scaler.com or login using your social/InterviewBit account.



Quick Evaluation

Take a 30 min MCQ test (aptitude & basic coding questions) to find the ideal batch for you.



Batch Allotment

Sign in to the recommended batch with our flexible payment options and start Upskilling.

Enrol Now

CURRICULUM DEEP DIVE



Curriculum Deep Dive for Beginners | **10 Months**

Program Timeline:

Programming Language Fundamentals - 1.5 Months

Java

Data Types and Operators

Loops, Conditional Statements

Functions

Strings

Data Structures and Algorithms - 4.5 Months

Introduction to Maths for Programming

1D and 2D Arrays

Introduction to Time complexity

Bit Manipulation

Introduction to Sorting & Hashing

Introduction to Recursion

Stacks, Linked List, Trees, Tries and Heaps



CURRICULUM DEEP DIVE

SQL: 0.5 month

CRUD

Joins

Aggregation

Indexing

Transaction

System Design Essentials: 1 month

CDN, SQL, NoSQL, Caches, Queues Scalability case studies (LLD + HLD)

Specialisations*:

Backend Engineering - 3 Months

Advanced Language Fundamentals

Concurrency

SOLID, Design Patterns

Schema Design, API Design

Spring Boot + Projects

Postman, Monitoring, Logging

Testing



CURRICULUM DEEP DIVE

OR Fullstack Engineering - 3 Months

HTML + CSS

JS

Simple Projects

API Design, CRUD

React + Redux

Project

Express + Mongo

Electives (Optional):

Advanced Software & System Design : 3 months

OOP, Terminology, SOLID Principles Design Patterns (creational, structural, behavioural), UML Diagrams and Schema Design Concurrency LLD Problems, Design, Machine coding, Concurrency, Case Studies HLD Basics, Consistent Hashing, Caching, CAP Theorem, Master-Slave Distributed Systems, Databases, SQL and NoSQL Zookeeper + Kafka, S3 + Quad Trees, Microservices, Containerisation, Case Studies.

*Only 1 Specialisation is allowed per learner, Recorded lectures for others can be availed through 'Request from Support'. At Least 1 Specialisation is mandatory for successful completion of the course.



CURRICULUM DEEP DIVE

Curriculum Deep Dive for



Intermediate (11 Months) &  **Advanced** (09 Months)

Program Timeline: ● -----

Programming Constructs (Start point for Intermediate Batch) - 2 Months

Introduction to Problem Solving and
Time complexity

Array Techniques (prefix sum, carry forward,
subarrays, 2D matrices)

Bit Manipulations

Maths, Sorting, Hashing

Recursions and Data structure fundamentals -
Stacks, Linked Lists, Trees



CURRICULUM DEEP DIVE

Advanced Data Structures and CS Fundamentals

(Start Point for Advanced Batch) - 4 Months

Time complexity analysis, Arrays, Bit manipulation, Maths

Recursion, Sorting, Binary Search, Two Pointers, Hashing, Pattern Matching Algorithms

Linked Lists, Stacks, Queues, Deque

Trees, Binary Search Trees, Tries, Heaps

Greedy Algorithms, Backtracking, Dynamic Programming, Graphs

Programming Language Internals - Data Types, Syntax, OOP etc**

Advanced Language Concepts and Popular Pitfalls/ Interview Questions: Concurrency, Standard Library etc.**

Database Management Systems, Computer Networks and Operating Systems Theory

SQL

**To be conducted in an inverted classroom model



CURRICULUM DEEP DIVE

Software and System Design - 3 Months

OOP, Terminology, SOLID Principles

Design Patterns (creational, structural, behavioral),
UML Diagrams and Schema Design

Concurrency

LLD Problems, Design, Machine coding, Concurrency, Case Studies

HLD Basics, Consistent Hashing, Caching, CAP Theorem, Mater-Slave

Distributed Systems, Databases, SQL and NoSQL

Zookeeper + Kafka, S3 + Quad Trees, Microservices,
Containerisation, Case Studies



CURRICULUM DEEP DIVE

Specialisations***

FullStack Specialisation (Backend and Fullstack) - 2 Months

Building a server, Web architecture, HTML, CSS, Javascript, Node.js, Backend architecture, MongoDB, React / Redux

MVC, REST APIs, ORM, SprintBoot, Views, Database

Project Deployment

OR Data Engineering - 2 Months

Advanced SQL, filtering, subqueries, aggregation functions, advanced constructs and structures

Data Warehousing & Modelling, Data Lakes, OLAP, Data Processing - Big Data Hadoop & Spark

Batch and Streaming - ETL pipelines, Workflow Orchestration, OLTP to OLAP systems, Distributed systems, Cloud Tech

MapReduce, HiveQL, Presto

Project Deployment

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CURRICULUM DEEP DIVE

Advanced Electives

DSA for Competitive Programming - +1 Month

Combinatorics and Probability

Matrix exponentiation

Advanced Trees: Segment Tree, k-D Tree

Disjoint Set Union

Advanced Dynamic Programming 1

Advanced Dynamic Programming 2

Advanced Graphs 1: Bridges, Articulation point

Advanced Graphs 2: Network Flow

Miscellaneous company problem discussion



CURRICULUM DEEP DIVE

Advanced Electives

Product Management for Engineers - +1 Month

Introduction to Product Management

Product Thinking

Product Discovery

Disjoint Set Union

Product Roadmap & Prioritization

Mental Models for Product Managers

Hands-on case study

Product Analytics - 1

Product Analytics - 2

Hands-on session Mixpanel

Delivery & Project Management

Practical ways to apply PM lessons as an Engineer



#CREATEIMPACT

THANK YOU

Need more insights?

Speak with our Career Counsellor for a detailed overview
of Scaler Academy

Schedule a Call 