

EVOLVE

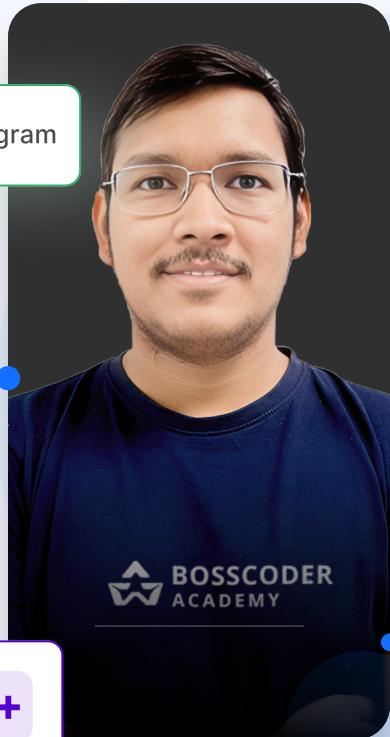
CURRICULUM

BROCHURE

For 7+ Years of Experience



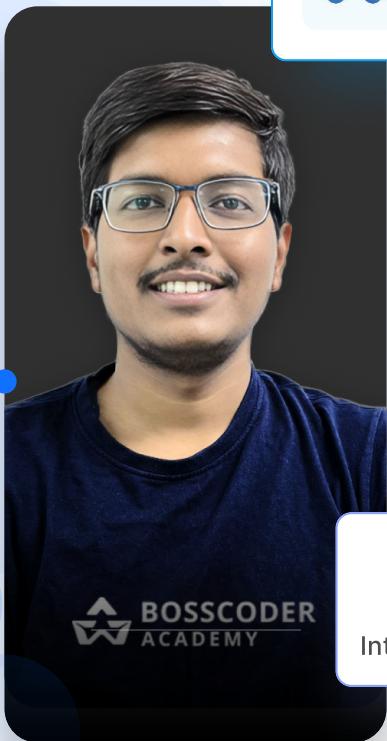
Fast Paced Program



1000+

Tech Careers
Changed

Switch to Top Product
based Companies



Mock
Interviews

About BossCoder

Bosscoder is an outcome-focused upskilling platform for tech professionals. Our industry-approved approach towards teaching helps our learners upskill & transition into their dream tech roles.

Learners enrolled with us are taught, guided, and mentored by engineers working at top product companies like Google, Microsoft, Amazon, Arcesium, etc.

Our Learners have witnessed an industry-leading hike of 120% with 6.25X ROI (Return on Investment).

About BossCoder Software Engineer Program (Evolve)

Bosscoder Evolve is an industry-recognized program designed especially for working professionals with 7+ years of experience that focuses on:

1. Building the RIGHT skills required to crack top product companies.
2. Bringing consistency in your upskilling journey.
3. Providing CLEAR DIRECTION & SUPPORT towards your goal.

Within our program, you will learn from live classes hosted by instructors working in top product companies.

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Context

Over the past few years, there has been remarkable growth in technological innovations. Even in sectors where tech presence is least expected, such as agriculture, construction, and healthcare, technological advancement is accelerating growth and shaping the future.

With these rapid advancements, there has been a growing demand for skilled Software Engineers who can Design, Develop, and Implement software at scale.

In the year 2022, LinkedIn's Jobs on the Rise report found that software engineering was among the top 5 jobs that saw the most growth in hiring in the past year.

This is the reason that many software engineers are upskilling by acquiring the right skills, thereby getting set for immense growth in the tech sector.

However, software engineers face many difficulties while upskilling -

1. Unstructured resources which leads to shallow learning.
2. Lack of consistency resulting in lack of results.
3. Lack of right guidance leads to inefficient preparation.

We understand our learner's challenges & to overcome those, BossCoder Academy has made its mission to help them upskill and ace their tech career.



So far, we are proud to have helped 1000+ talented learners get top tech roles in top tech companies.

And what better way to say this than statistics of our results -

1. The salary hike for our learners is 120.34%
2. Our learners with 7+ years of experience are placed with an average CTC of 41 LPA
3. Return on Investment after cracking new opportunities is 6.25x.

However, What makes these achievements possible for us?

#1) Our Structured Curriculum Focuses On Building The RIGHT SKILLS

Our structured curriculum covers all the RIGHT skills required for a working professional to crack top product companies.

This includes Problem-solving in Data Structures & Algorithms, System Design (LLD + HLD), Leadership Skills & Full stack specialization.

Our curriculum is designed after analyzing what it takes to be a software engineer at senior roles, and it's regularly iterated by industry experts.

#2) Our Program Brings Consistency To Our Learner's Upskilling Journey

We make sure that our learners are consistent throughout their upskilling journey with BossCoder.



We do so through:

- Creating a learning schedule through weekend live classes & assignments
- 1:1 mentorship brings clear direction & accountability for the progress
- Peer community & regular community sessions create a positive learning environment

Consistency building the right skills over a few months helps our learners achieve remarkable results.

#3) Doubt Support + Placement Team Provides The SUPPORT Our Learners Need To Succeed

Our 24/7 Doubt Support helps our learners stay unblocked and make continuous progress.

Our Placement Team works with our upskilled learners to get them interview opportunities from various companies to finally help them secure a job offer.

Our ultimate aim with this course is to upskill you to become a Top 1% Software Engineer and achieve the best career outcomes.

Read on for more details.



Curriculum Deep-dive

MODULE - 1 • 12 Weeks

Problem Solving In DS & Algo

Problem-solving in DS & Algo is one of the most important topics to master for a software engineer. That is why we spend the first 12 weeks of our program ensuring you have solid problem-solving skills in DS & Algo. High-quality live classes with regular assignment problems, doubt support, mock interviews & competitive contests make sure you develop strong problem-solving muscles.

Topics that will be covered :

Time Complexity

Arrays

Strings

Binary Search

2 Pointers

Recursion

Hashing

Sorting

Bit Manipulation

Stacks



Queues

Linked Lists

Trees

Tries

Heap

Greedy

Dynamic Programming

Graphs



Outcome

After these 12 weeks, you will:

- Feel confident in your problem-solving skills.
- Develop pattern recognition skills required to crack hard level DSA problems.
- Be interview ready with DSA to crack top tech companies.

★ USPs of our Delivery

- Hyper-personalization: Depending on student specific learning pace, multiple revision classes are organized.
- Assignment (post lecture) & their immediate evaluation help to compare your performance against peers.



- Focus is not just on solving & remembering questions but to help students build intuition behind concepts, enabling them to identify patterns easily.
- Special focus on difficult topics like Dynamic programming and Graphs.
- Weekly contest & regular Mock interviews to understand your conceptual understanding and give feedback.

BOSSCODED



Rachit Arora

Head of Engineering at Soptle



After completing the DSA part with the help of Bosscoder, which was covered in the first few months, I gained a lot of clarity and confidence in each topic. Eventually, I got number of offers from Product Based Companies

”

REVIEW



Curriculum Deep-dive

MODULE - 2 • 10 Weeks

System Design

As a software developer, we are responsible for:

1. Writing a clean, maintainable, modular code that is easy to understand & extend.
2. Designing services capable of scaling to millions of active customers with high reliability & fast access.

Within this module, we learn these 2 skills with hands-on experience & multiple case studies.

Topics that will be covered :

Low Level Design (LLD)

OOPS

Design Patterns

UML Diagram

Schema

Design problem

Machine coding

High Level Design (HLD)

Distributed System



Load Balancing

Consistent Hashing

Caching

Transactions

SQL vs NoSQL

Designing Real life Systems

Microservices

Distributed queues



Outcome

After this module, you will:

Be able to design systems capable of scaling to billions of users and participate in design discussion confidently.

★ USPs of our Delivery

- Multiple 1:1 discussion with expert (e.g. senior engineers at top tech companies)
- Hands on learning experience
- Solve multiple real life case studies in live classes & understand the tradeoffs of designing a system.
- Understand the internals of complex systems like distributed Queues, Distributed file system, Microservices, etc.



Curriculum Deep-dive

MODULE - 3 • 6 Weeks

Full Stack Specialization With Project (OPTIONAL)

As a software engineer, we build products which can scale. In this module, you will gain hands-on experience of building a project from scratch & implement the LLD + HLD perspective in real projects.

Topics that will be covered :

Building a server

MVC

Web Architecture

HTML

CSS

JavaScript

Node.js

Backend Architecture

Django DB

React/Redux



Database

Creating Modules

Data Access Layers

Controllers

Views

Creating Microservices

Deployment on AWS

Security

Mongo DB

Capsule Project #1

Capsule Project #2



Outcome

After this module, you will:

Have hands on experience of designing and coding scalable products.



Curriculum Deep-dive

MODULE - 4 • 2 Weeks

Leadership Skills (OPTIONAL)

With over 7 years of experience as a software engineer, you will take on a leadership role, guiding either a team or a project. This module offers practical experience to help you develop the skills needed to become an effective leader and provide support to your team.

Topics that will be covered:

Strategic Leadership

Effective Communication

Team Building and Collaboration

Change Management

Innovation and Creativity

Project Management

Strategies for Personal and Team Productivity



Outcome

After this module, you will:

Gain practical, hands-on experience in leadership and management skills.



Industry Relevant Case Studies

Design YouTube

1

- Grasp the core architecture and components.
- Learn video processing, encoding, and content delivery mechanisms
- Understand strategies for scalability and monetization avenues.
- Explore content moderation, performance optimization techniques, and security measures.
- Develop data models for storing video metadata, user information.
- Implement authentication, authorization, and data encryption to protect user data.

Social Media App Scalable Design

2

- Understand core functionalities and app architecture.
- Learn secure user authentication, data modelling, and efficient database management.
- Explore real-time features, multimedia handling, and scalability strategies.
- Grasp privacy measures, security protocols, and principles of User Authentication.



Industry Relevant Case Studies

LLD: Cab Booking System

3

- Grasp functional requirements and the role of accurate location services.
- Apply low-level design principles through use cases and class diagrams.
- Develop coding skills by implementing user and driver registration, cab booking, and trip management functionalities.
- Learn collaborative development practices on GitHub, gaining problem-solving skills for real-world projects.

System Design Of Netflix

4

- Explore the architecture, features, and functions of Netflix's streaming system.
- Learn how Netflix achieves scalability using a microservices architecture.
- Understand data analytics for personalized recommendations and user interface design.
- Explore security measures and the role of continuous integration in Netflix's development pipeline.



Industry Relevant Case Studies

LLD: Parking Lot Design

5

- Explore system implementation, understanding key features and requirements.
- Learn to create Use Case and Class Diagrams, understanding class relationships.
- Implement security measures and grasp effective data management strategies.
- Understand design principles for scalability, error handling, and create a user-friendly UI.

WhatsApp System Design

6

- Grasp core functionalities and architecture.
- Learn about end-to-end encryption, user authentication, and real-time messaging.
- Explore methods for handling multimedia and ensuring efficient delivery.
- Understand synchronization across platforms and features like privacy settings and user blocking.





Get Placed at Top Tech Companies

Once you have upskilled yourself to become a great software engineer, it is important that we now focus on getting you interview opportunities from diverse companies.

This process is usually in 3 Modules:

Build a strong profile



Get Diverse Opportunities



Crack Interviews

We focus on all the above 3 objects in this Module.

🎯 Final Result

You getting placed at one of the top tech companies like Google, Microsoft, Amazon, Apple & sharing us a personal review of your journey with us.

This process will be continued until you get placed.



Placement Plus

Key Advantages of BossCoder Placements



1. Build Strong Profile:

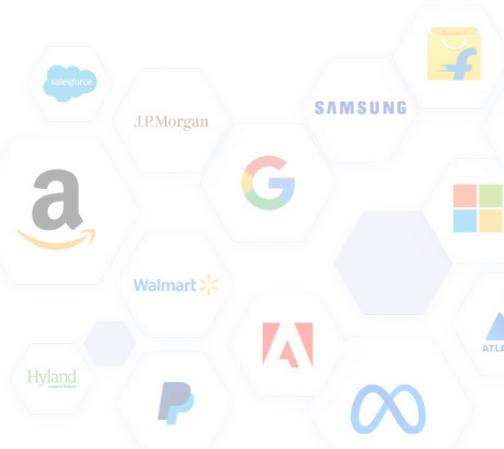
- Resume building guidelines designed for SDE roles + resume reviews.
- Profile building sessions on LinkedIn, Naukri, Instahyre, and other hiring platforms.
- Handling objections.

2. Get Diverse Opportunities:

- Tie-ups with 250+ corporate partner companies.
- Collaborations with consultancies hiring for top tech companies.
- Referrals from alumni & mentors community.
- Sessions on how to effectively apply yourself to get more opportunities.

3. Crack Interviews:

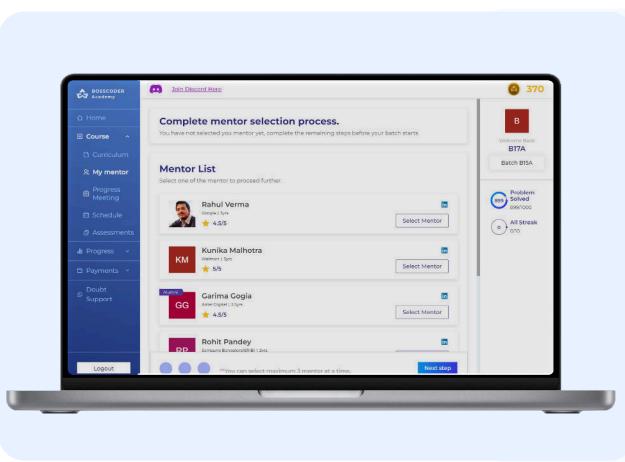
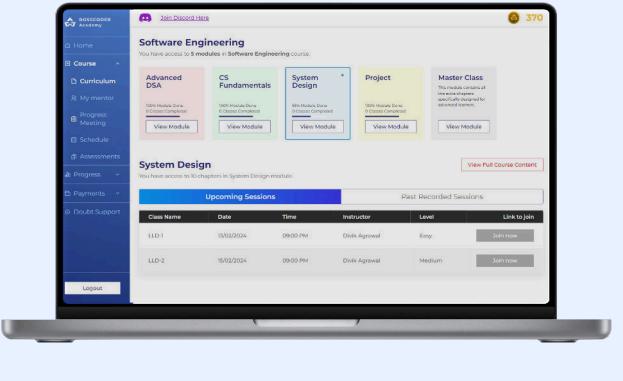
- On-demand mock interviews with mentors before a specific interview.
- Do's & Don'ts of interviews.
- Handling behavioral questions.
- Sessions on effective salary negotiation.



Bosscoder Benefits

Personalized Learning

We believe in personalized learning experiences, and your personal success manager will ensure the same.

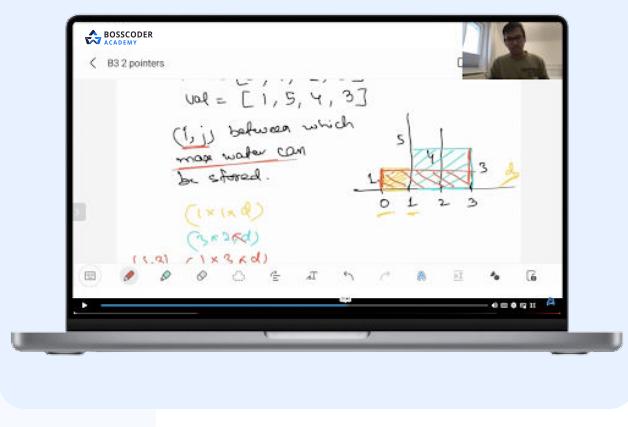


Live Weekend Classes

All the classes will be taught live on weekends by instructors having experience working at top tech companies. Our optimal batch size ensures you get your doubts cleared in real time inside the classes.

1:1 Mentorship

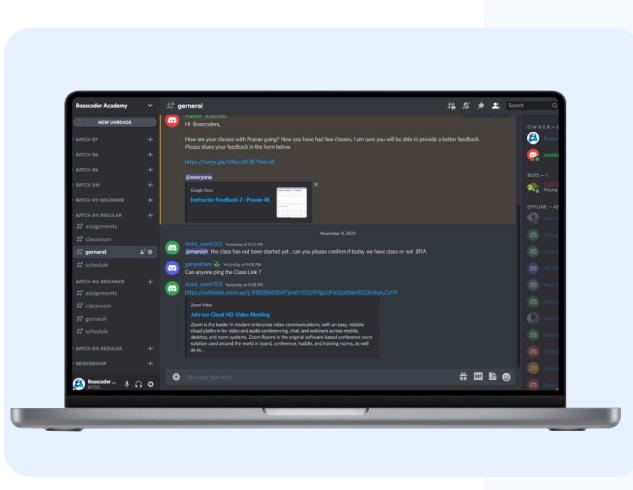
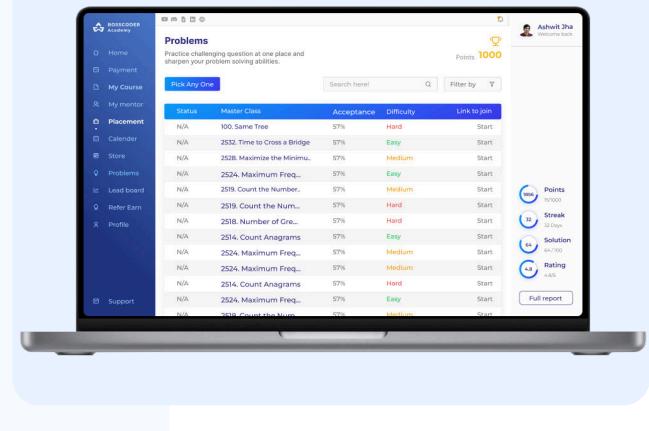
1-on-1 sessions with a mentor that knows the industry deeply, will help you achieve heights and upskill like never before.



Bosscoder Benefits

Regular assignments

Regular assignments after every lecture will ensure you remain consistent ,and if you get stuck in a problem - 24×7 doubt support is just a click away.

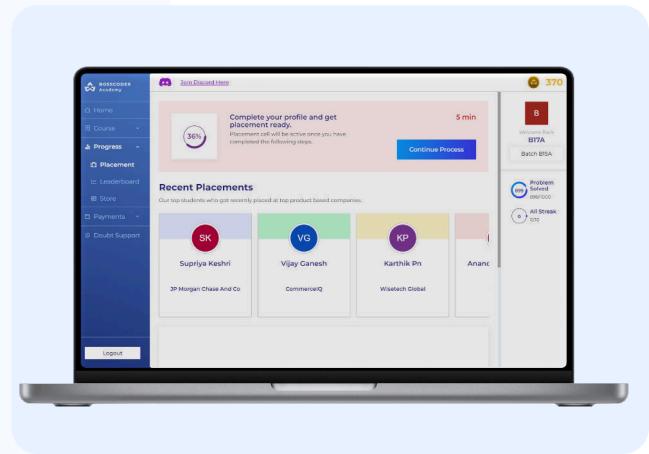


Recruitment Team

Once you upskill to ace an interview, our Recruitment team works with you to provide diverse opportunities. Our recruitment team provides 360 deg profile optimization, resume building, referrals, direct opportunities, salary negotiation, etc.

Motivated Community

Thriving & growing community of learners colleagues who have the same ambition as you. Bond with future top Senior Software Engineers over group sessions.



Program Outcome

1391

Learners Placed

6.25x

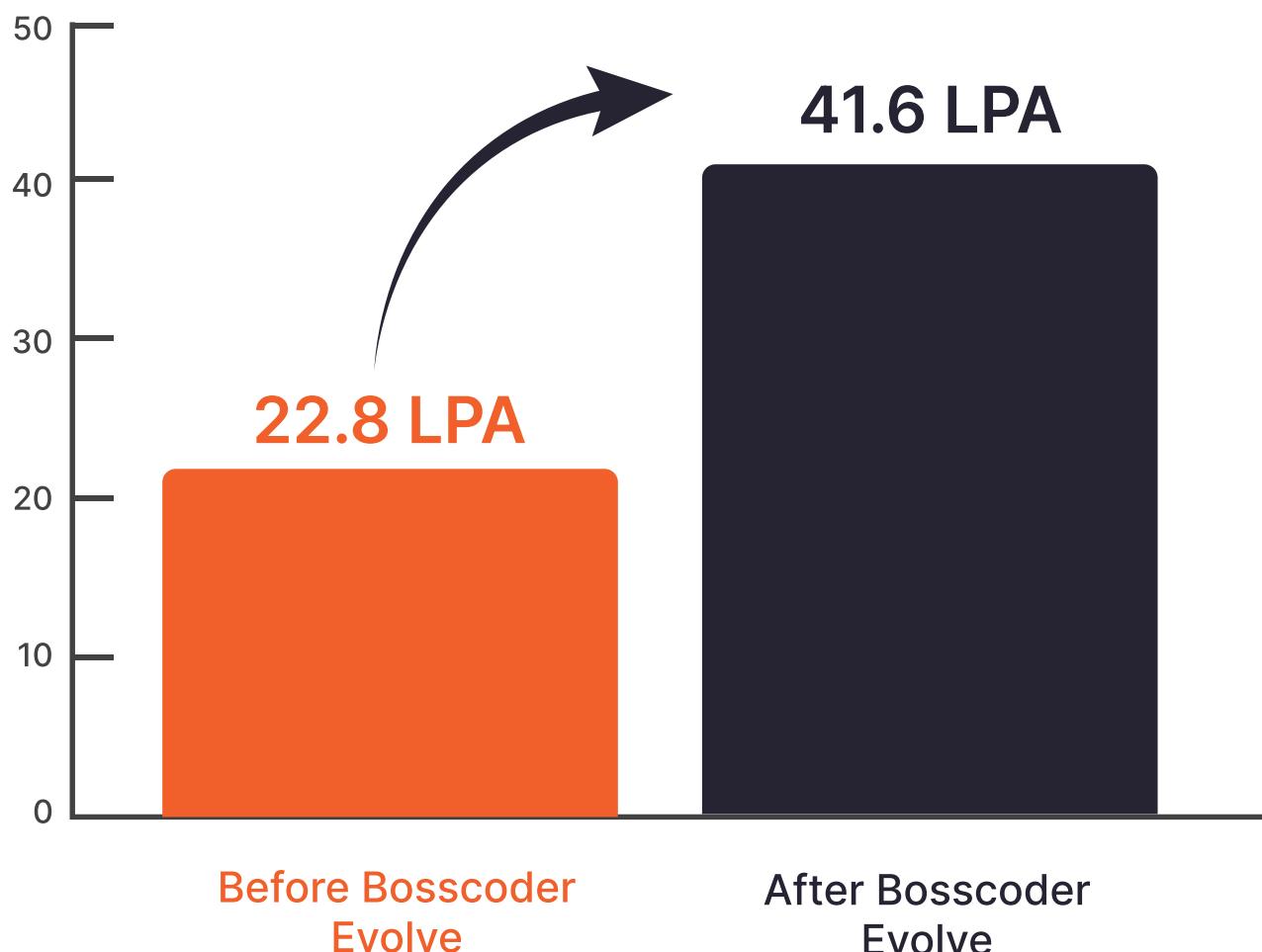
Return on Investment

98 LPA

Highest Package

120%

Salary Hike



Average CTC



Bosscoder Alumni's Thoughts



Sumedha Khandelwal

Technical Lead

7 years exp



“I tried many time to grow in my career but failed in technical interviews. Bosscoder helped me gain confidence and mentor feedback helped me receive many offers.”

”



Niranjan Bagade

SDE

10 years exp



“Affordable program, mirroring expensive alternatives, provided structured learning, experienced mentors, and community, helping me identify and overcome my mistakes for successful preparation.”

”



Bosscoder Alumni's Thoughts



Supriya Keshri

SDE 3

7 years exp

JPMORGAN
CHASE & CO.

“Their effective curriculum enabled me to secure multiple offers, including my choice at JP Morgan. Bosscoder's structured approach and cost-effectiveness facilitated my transition from front end to full stack.”

”



Geetha Selvam

Tech Lead

8 years exp

**Tech
Mahindra**

“Bosscoder facilitated my smooth transition from electrical engineering to software, offering flexible schedules, practical problem-solving, valuable mock interviews, and motivation through a competitive leaderboard”

”



Bosscoder Alumni's Thoughts



Lakshmi Susmitha

SDE 2

7 years exp

JPMORGAN
CHASE & CO.

“Tier-3 college to work in service-based companies, I always wanted to join a product-based company. Bosscoder helped me provide a very detailed path from coding to system design.”

”



Arun VS

Principal Application Engineer

13 years exp

 **skypoint**

“Bosscoder Academy's structured live classes, mentor support, and consistent problem-solving approach boosted my DSA skills, instilling confidence and ultimately helping me secure a job as a Principal Application Engineer.”

”

Meet Your Instructors & Mentors

Learn from Industry Veterans

Our instructors and mentors are highly rated by working professionals upskilling with us.

They are working at top product companies & have experience working on industry scale Software Development projects.

They are also familiar with the best ways to crack these companies.



Manish Garg

Exp: 6 yrs.

Co-Founder of BossCoder | Ex. Samsung, Quoori

An IIT Dhanbad alumnus, has had an impressive tech career. From Samsung's Machine Learning engineer to collaborating with Android's founder at Essential and leading Quoori's speech department, his journey is remarkable.



Ashish Prasad

Exp: 10 yrs

Senior Software Engineer at Microsoft

A Senior Microsoft software engineer with nearly a decade of experience, excels in designing enterprise-level software and possesses a strong foundation in object-oriented programming.



Lekshmana Perumal Murugan

Exp: 11 yrs.

SDE at PayPal

A distinguished Software Developer hailing from the illustrious ranks of PayPal. A seasoned professional with an impressive 11-year tenure, Lekshmana has made significant strides in the realm of software development.

Meet Your Instructors & Mentors

Learn from Industry Veterans



Vikas Sharma

SDE at Microsoft

Exp: 9 yrs

A distinguished alum of NIT Allahabad with a degree in Computer Science and Engineering. Vikas boasts over 9 years of extensive industry experience.



Rajat Garg

Co-Founder of BossCoder | Ex. Microsoft

Exp: 3 yrs.

An esteemed graduate of NIT Delhi from the class of 2019. Rajat embarked on his professional journey at Microsoft, playing a pivotal role in expanding PowerPoint's web services, catering to an impressive 200 million monthly active users.



Geetika Gupta

SDE 3 at Amazon

Exp: 18 yrs.

An accomplished software engineer with 18 years of expertise in full stack development and technical leadership. Specializing in backend development, Geetika has successfully led diverse teams, delivering impactful solutions across projects of varying scales.



Vikas Bharti

Engineering Manager at Walmart

Exp: 14 yrs.

A results-oriented professional with 13+ years of diverse experience in various environments and technologies. With a proven track record in full-stack development, project management, and software implementation, they specialize in Java, Nodejs, React, and data modeling.

EMPOWERING “OUT OF SCHOOL” CHILDREN



For every BossCoder program enrollment, we contribute **1% towards the education of ‘out of school’ children.**

Changing Lives: Our Impact Stories



SANDHYA'S
STORY



AMIT'S
STORY

Sandhya dropped out of school & had to do **household chores & begging** to support her family.

Amit (here, age -34) studied in school till 5 but **has to drop out to earn and support his family.**

1st girl in Basti to go out to Pursue education, completed 12th while working & now pursuing **BSW in IGNOU.**

Amit has now joined us a **Community Leader** as well as a **facilitator in Truck Union Basti.**



Upskill Now &

Evolve Your Tech Career

Reach out to us at
ask@bosscoderacademy.com

↓ Check out our ↓

Placement Brochure