Meritshot

Master
Software Engineering

with AI-First Development

Software Engineering Program
with AI Specialisation

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Meritshot

The Future Belongs to
AI-Ready SDEs

AI is no longer optional — it's the new standard for software development.

With the tech landscape evolving, AI-first development has changed from being an advantage into a necessity. Only the developers who master AI can build smarter, faster, and more adaptive applications, delivering innovations that set them apart in a competitive market. The future belongs to those who code with intelligence, Artificial Intelligence!

Mastering AI-First Software Development means:

- Designing intelligent, context-aware applications that delight users.

- Leveraging automation to eliminate grunt work and accelerate delivery.

- Integrating predictive analytics for data-driven decision-making.

- Staying relevant in an AI-first job market where companies seek talent that can blend software engineering with machine intelligence.

- Driving competitive differentiation in products and services that stand out.

LinkedIn India
https://in.linkedin.com › jobs › ai-software-engineer-jobs ⋮

65000+ Ai Software Engineer jobs in India (6018 new)

Today's top 65000+ **Ai Software Engineer jobs in India**. Leverage your professional network, and get hired. New Ai Software Engineer jobs added daily.

Meritshot

Build the AI Skills that Industry needs

With Meritshot's AI First Software Development Programme

Meritshot aims to build India's best & most advanced SDEs with AI specialised curriculum. We bridge the gap between where you are and where top product companies need you to be. Our AI-first curriculum is designed specifically for the transition from service-based to product-based roles.

Why Choose Meritshot?

AI-First Curriculum
Only program designed specifically for Software Developers keeping AI the core.

Real-World Interview Simulations
On demand Mock interviews with actual product company hiring managers to prepare you for the toughest questions.

Product-Based Company Prep
Targeted training for DSA, system design, and problem-solving at the standards expected by product giants.

1:1 Expert Mentors & Instructorship
Get trained by industry Experts from top IITs & MAANG companies

400+ Hiring Partners
Comprehensive placement assistance & referral support with partner companies

Small Batches, Better Learning
Learn in a limited batch size for focused preparation & understanding

Microsoft-Accredited Programs

Earn a globally recognized certification, showcase it on LinkedIn and your resume, and stand out with credentials trusted by top companies worldwide.

Additional Perks

Lifetime Access
Full access to all course materials and future updates

1:1 Mentorship
Two People mentorship sessions with industry experts

Certificate
Industry-recognized certification of completion

Meritshot

Real Stories, Real Impacts

Empowering Ambitions with Real World Learnings

Placement rate

95%

Highest CTC

99LPA

Hiring Partners

400+

Avg salary hike

150%

Where do our Alumnis work?

Product Companies
Google, Microsoft, Amazon, Meta, Netflix

95% of our placements
Faster Career progression

Unicorn Startups
Flipkart, Swiggy, Zomato, Paytm, Ola

High Impact roles
Equity & Leadership opportunities

AI-First Companies
OpenAI, Anthropic, Midjourney, Local AI startups

Cutting-edge technology
Industry definition

Meritshot

Real Stories, Real Impact

Empowering Ambitions with Real World Learning

Aarav Sharma | 7 yrs exp. | TCS → Google

After 7 years at TCS, I felt stuck doing the same kind of work. Meritshot's structured prep, mock interviews, and constant feedback showed me exactly where I was going wrong. Within months, I cracked Google with a 120% hike and even had multiple offers to choose from.

Rohan Verma | 5 yrs exp. | Wipro → Amazon

At Wipro, my growth had hit a ceiling and I wasn't standing out in interviews. Meritshot's intensive mock interviews sharpened my answers and boosted my confidence. In just 3 months, I landed at Amazon with a 150% salary hike and exciting projects to lead.

Priya Nair   4 yrs exp. | Infosys → Microsoft

Though I learned a lot at Infosys, the pay and exposure didn't match my efforts. Meritshot mentors simplified every interview question and polished my communication. In 2 months, I cracked Microsoft with a 210% hike — a leap I once thought impossible.

Arjun Malhotra   6 yrs exp. | Capgemini → Meta

I had failed 6 interviews at top tech firms before joining Meritshot. Their mock panels helped me structure my answers, think clearly, and present confidently. Three months later, I got into Meta with a 300% salary hike and a role I had always dreamed of.

Meritshot

Real Stories, Real Impact

Empowering Ambitions with Real World Learning

Karan Mehta 8 yrs exp. | HCL → Netflix

After 8 years in HCL, I felt like my career was running on autopilot. Meritshot helped me rebuild my resume, fine-tune my technical skills, and ace behavioural rounds. I landed Netflix with a 250% hike. Now I'm working on projects that millions of people actually use daily.

Ananya Gupta 5 yrs exp. | Cognizant → Adobe

At Cognizant, I was doing fine but growth was painfully slow. Meritshot's brutally honest feedback and repeated mock interviews pushed me out of my comfort zone. Within 10 weeks, I landed Adobe with a 333% hike

Vivek Rathi 4 yrs exp. | Mindtree → Salesforce

I always dreamed of working at Salesforce but didn't know where to start. Meritshot became my roadmap, from brushing up core concepts to cracking tricky HR questions. I got in with a 200% hike, and the feeling of finally achieving this dream is priceless.

Meritshot

Industry Vetted Curriculum
Your Blueprint to get into Product Company

Choose Your Tack

Proficiency Assessment

Beginner Track

- Programming Essentials
- Move to advanced track

Advanced Track

- Crack DSA
- Kickstart Placement Prep
- Master System Design
- Strengthen CS Fundamentals
- Choose Your Specialization
- Build Industry Projects
- Upskill with Electives

🏅 **Land Your Dream Role**

Module 1:

Programming Fundamentals

(6 Weeks)

Master programming basics with hands-on practice

What You'll Learn:

- Introduction to types of companies and MAANG
- Introduction to Programming Language
- Input, Output, and Data Types
- Operators
- Conditions & Loops
- Pattern Problems
- Functions
- Number System
- 1D and 2D Arrays
- Strings
- Memory Management
- Basic OOP for Problem Solving

Module 2:

Data Structures and Algorithms (16 Weeks)

Comprehensive DSA training for technical excellence and crack top-tier tech interviews

What You'll Learn:

Foundations

- Time and Space Complexity
- Array Problem Solving Techniques
- Bit Manipulation
- Maths for Problem Solving
- Recursion
- Backtracking
- Sorting
- Searching
- Two Pointers
- Hashing

Data Structures

- Linked Lists
- Stacks
- Queues and Deques
- Trees and BST
- Tries
- Heaps

Advanced Problem Solving Techniques

- Greedy
- Segment Tree
- String Pattern Matching
- Dynamic Programming
- Graphs

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Module 3:

System Design: LLD + HLD

Learn to design scalable, reliable systems and accelerate your path to top engineering roles.

What You'll Learn:

Low-Level Design (LLD)

- Object Oriented Programming
- SOLID Principles
- Design Patterns
- UML Diagram
- Schema Design
- API Design
- Case Studies – Machine Coding Interviews

High-Level Design (HLD)

- Architecture Design
- Distributed Systems
- Domain Name System (DNS)
- Load Balancing
- Consistent Hashing
- CAP Theorem
- Caching
- Content Delivery Network (CDNs)
- Transactions
- SQL vs NoSQL
- Scalability
- ZooKeeper + Kafka (Distributed Messaging Queue)
- Microservices
- Security
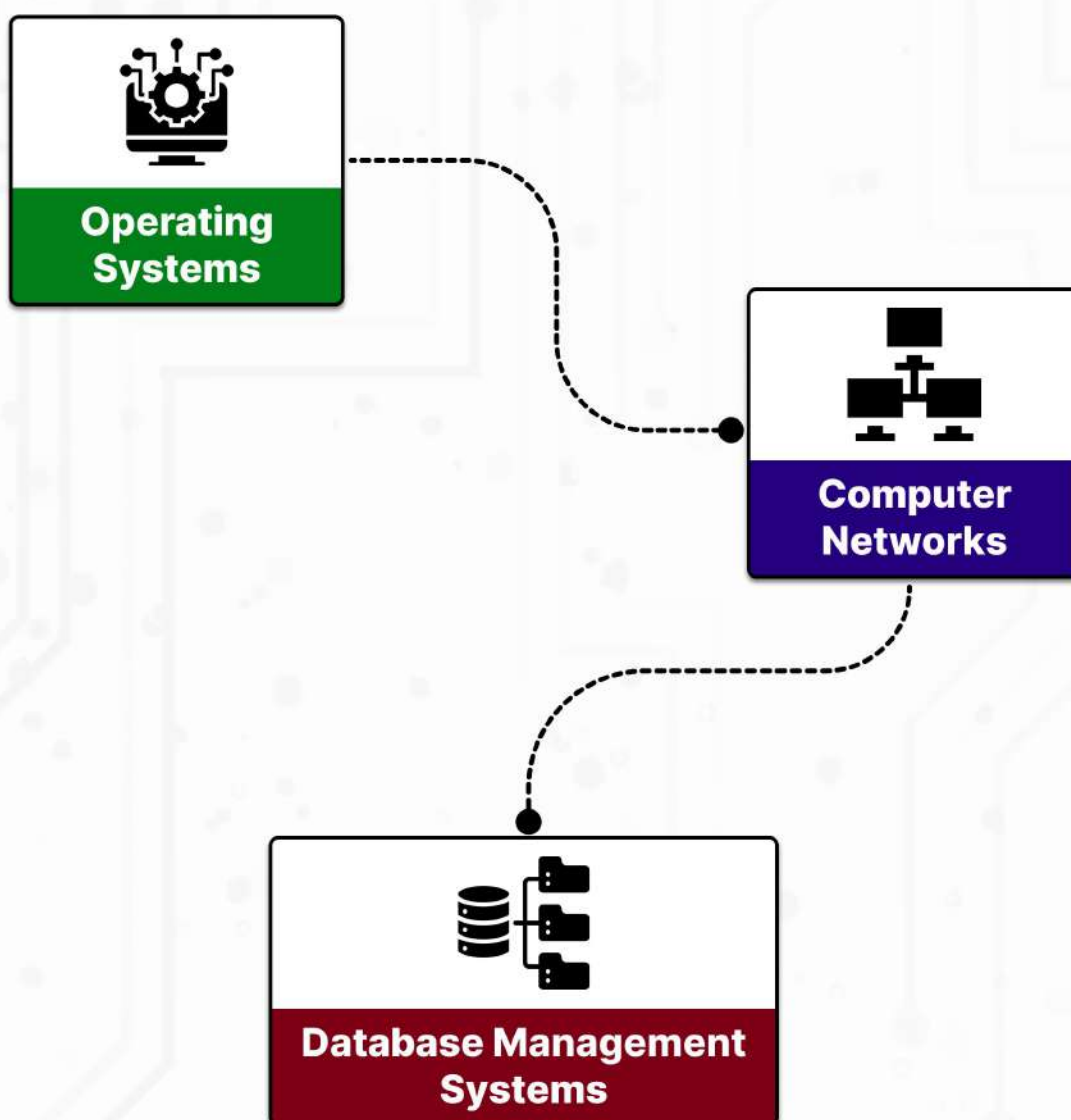- Case Studies (Like WhatsApp, Hotstar or Netflix)

Module 4:

CS Fundamentals

Solid foundation in computer science principles

What You'll Learn:

Operating Systems

Computer Networks

Database Management Systems

Module 5:

Development with Project

(10 Weeks)

Learn to design, develop, and deploy full-stack web and mobile apps that scale like real-world products.

What You'll Learn:

Product-Based Company Prep

- HTML, CSS, JavaScript basics
- Version Control System
- JS for Web Dev (DOM Manipulation, Event Handling)
- React
- Redux

Specialisation 1	Specialisation 2	Specialisation 3
MERN Full Stack Development	**Java Spring Boot Full Stack Development**	**Mobile App Development with React Native (Android + iOS)**
• MongoDB	• Java Basics & OOPs Refresher	• React Native Basics
• Node.js	• Spring Boot Fundamentals	• Navigation & State Management
• Express.js	• MVC Architecture	• Native Modules & APIs
• Backend Architecture	• REST API Development with Spring Boot	• API Integration & Data Handling
• API Design (RESTful APIs)	• JPA & Hibernate (Database Integration)	• Authentication & Secure Storage
• Next.js	• Microservices with Spring Cloud	• Push Notifications
• Monorepos, Turborepos, Lints	• API Gateway & Service Discovery	• Maps & Location Services
• WebSockets, RTC	• Security (JWT, OAuth2)	• Offline Support & Caching
• Deployment	• Testing with JUnit & Mockito	• App Optimization & Performance
	• Deployment (Docker, CI/CD)	• Deployment on Play Store & App Store

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Electives

Elective 1: DevOps (6 weeks Elective)

(6 Weeks)

Master SDE focussed DevOps skills to deploy, scale, and manage applications in real-world production environments

What You'll Learn:

Core Foundations

- Linux & Bash Scripting
- Cloud VMs on AWS/GCP
- Docker & Containerization
- Intro to ECS

Orchestration & IaC

- Kubernetes Basics
- Terraform
- CI/CD with GitHub Actions
- Basic Monitoring (Prometheus & Grafana)

Capstone Project

- Build a fully functional application deployment pipeline using Cloud, Docker, Kubernetes, Terraform, and CI/CD.

Electives

Electives 2 : Gen AI for Software Engineers

(6 Weeks)

Harness Generative AI to design, evaluate, and build next-gen intelligent applications

What You'll Learn:

Core Foundations

- Introduction to AI and ML
- Introduction to Deep Learning
- GenAI and Large Language Models (LLMs)
- Transformer Architecture

Orchestration & IaC

- Embeddings & RAG (Retrieval-Augmented Generation)
- LLM Evaluations
- AI Agents
- Building Production-Ready AI Applications

Capstone Project

- Build an end-to-end GenAI-powered application (e.g., a RAG-based chatbot, AI-powered code assistant, or an AI agent integrated with real-world APIs).

Meritshot

Electives

Elective 3 – Cloud Computing for Software Engineers (6 Weeks)

Gain cloud fundamentals to design, deploy, and scale applications with confidence.

What You'll Learn:

Core Foundations

- Cloud Basics (IaaS, PaaS, SaaS, Regions, AZs)
- Compute Services (EC2 / GCE)
- Storage Services (S3 / GCS)
- Networking Basics (VPC, Security Groups, Load Balancer)
- IAM (Identity & Access Management)

Orchestration & IaC

- Databases on Cloud (RDS, DynamoDB, Firestore)
- Serverless Basics (AWS Lambda / Cloud Functions)
- Monitoring & Logging (CloudWatch / Stackdriver)
- Cost Optimization Best Practices

Capstone Project

- Deploy a **Full-Stack Application** using Cloud VM + Managed DB + Object Storage + CI/CD integration

Electives

Elective 4 – Software Testing & Automation (6 Weeks)

Build SDET skills to ensure software reliability through manual and automated testing with modern tools.

What You'll Learn:

Month 1 – Foundations of Testing & Automation

- Testing Fundamentals (Unit, Integration, E2E)
- Test-Driven Development (TDD)
- Selenium / Playwright Basics (UI Automation)
- API Testing with Postman & RestAssured
- Writing Automated Test Cases in Python/JavaScript

Advanced Automation & CI/CD Integration

- Mobile Testing (Appium Basics)
- Performance Testing (JMeter)
- Test Automation Frameworks (PyTest, Jest/Mocha, JUnit)
- CI/CD Integration of Test Suites (GitHub Actions / Jenkins)

Capstone Project

- Build an **Automated Testing Suite** for a full-stack application covering UI, API & performance.

Meritshot

Electives

Elective 5: Engineering Leadership & Product Thinking (6 Weeks)

Go beyond coding — master leadership, communication, and product thinking to step into Tech Lead or Manager roles.

What You'll Learn:

Leadership Foundations

- Strategic Leadership for Engineers
- Effective Communication & Stakeholder Management
- Team Building and Collaboration
- Change Management & Leading Through Uncertainty

Product Thinking

- Introduction to Product Management for Engineers
- Product Discovery & Roadmap Building
- Prioritization Frameworks (RICE, MoSCoW, Kano)
- Product Analytics & Metrics That Matter

Execution & Innovation

- Delivery & Project Management for Tech Teams
- Innovation & Creative Problem Solving
- Hands-on Case Study (build a mini roadmap & present)
- Tools: JIRA, Trello, Mixpanel

Becoming a Tech Leader

- Balancing Engineering Excellence with Product Impact
- Practical ways to apply Leadership & PM lessons as an Engineer
- Capstone Project: Lead a small team/project, build roadmap, and present execution strategy

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Capstone Projects

Analyze & BUILD real-world architectures of popular products with our detailed case studies and hands-on projects.

Foundational Projects
(MERN or Java Springboot as Backend)

Flipkart
like E-commerce Website

Zomato
like Food Ordering App

Job Portal

Learning Management System **(LMS)**

Features: Authentication, Role-based Access, Payments, Search/Filter, File Uploads, REST APIs

Advanced Projects
(MERN or Java Springboot as Backend)

Social Media App
(Instagram/Twitter clone)

Video Streaming Platform
(mini YouTube)

Ride Booking App
(basic Ola/Uber)

SaaS Product
(multi-tenant support)

Features: Microservices, API Gateway, Caching, Scalability, WebSockets, CI/CD, Advanced Security

Capstone Projects

Analyze & BUILD real-world architectures of popular products with our detailed case studies and hands-on projects.

Mobile App Development with React Native (Android + iOS)

Social Media App
(Instagram Lite clone)

E-commerce App
(Flipkart clone)

Ride Booking App
(basic Ola/Uber)

Chat/Messaging App
(WhatsApp Lite)

Fitness Tracker App

Features: Real-world Mobile Dev, Cross-platform Support, APIs, Push Notifications, Maps Payments, Offline Functionality, Deployment

Defining Your Outcomes

Outcome-driven learning that transforms you into an industry-ready software engineer, equipped to crack top roles with globally in-demand skills.

What you'll master:

1 Strong Problem-Solving & DSA Foundations

- Crack FAANG/MAANG level coding interviews with confidence.
- Solve real-world problems using advanced algorithms, recursion, DP, and graph-based techniques.
- Ability to write optimized, production-level code.

2 System Design Mastery

- Design scalable and fault-tolerant systems like Netflix, Amazon, and Uber.
- Solid understanding of LLD + HLD, microservices, caching, databases, and distributed systems.
- Confidence to crack LLD/HLD interview rounds and handle real-world architecture problems.

3 System Design Mastery

- Build end-to-end applications using MERN, Java Spring Boot, or React Native.
- Experience in frontend, backend, databases, and deployment.
- Deliver production-grade applications with authentication, payments, scaling, and microservices.

Defining Your Outcomes

Outcome-driven learning that transforms you into an industry-ready software engineer, equipped to crack top roles with globally in-demand skills.

What you'll master:

4 Hands-on Project Portfolio

- Work on multiple capstone projects (E-commerce, Food Ordering, Social Media, Video Streaming, Mobile Apps).
- Showcase real-world applications on GitHub & resume.
- Stand out with a portfolio that impresses recruiters and clients.

5 Industry-Relevant Electives

- AI & Emerging Tech → Build GenAI-powered apps, automate workflows with DevOps, and deploy scalable solutions on cloud.
- Quality & Reliability → Gain SDET skills with modern testing & automation, ensuring high-performing, production-ready systems.
- Leadership & Strategy → Step beyond coding—lead teams, manage projects, and drive product impact in top tech roles.

3 System Design Mastery

- Crack Top Interviews → Master DSA, System Design, and CS Fundamentals to confidently clear FAANG-level coding rounds.
- Build Real-World Products → Gain hands-on expertise in full-stack, mobile, cloud, and AI tech stacks used at leading companies.
- Future-Proof Your Career → Learn in-demand tools & frameworks while building capstone projects that mirror real industry challenges.

△ **Meritshot**

Defining Your Outcomes

Outcome-driven learning that transforms you into an industry-ready software engineer, equipped to crack top roles with globally in-demand skills.

Where you'll go:

Full Stack Developer

Software Engineer

SDET / QA Automation Engineer

AI Engineer

DevOps & Cloud Engineer

Tech Lead / Future Engineering Manager

340%
Job Growth in AI-First SDE Roles
Expected growth from 2024-2027

₹25L+
Average AI-SDE Salary
In top product companies

85%
Companies Hiring AI-SDEs
Among Fortune 500 tech companies

2.5x
Faster Career Progression
With AI development skills

Salary Comparison: The Meritshot Advantage

Role Type	Experience	Salary Range	Growth	Satisfaction
Service Company SDE	0-3 years	₹4-8L	Limited	Low
Product Company SDE	0-3 years	₹12-25L	High	High
AI-Enhanced SDE Meritshot Graduate	0-3 years	₹18-35L	Exponential	Very High

Meritshot

The MeritShot Edge

At MeritShot, we don't just create coders — we shape world-class software engineers.Our curriculum blends DSA, design, development, cloud, testing, and leadership into one seamless journey. You graduate not just interview-ready, but product-ready and future-ready.

1 Balanced Between Interviews + Real-World Skills

- Master DSA, System Design, and CS Fundamentals to crack MAANG interviews.
- Build full-stack, cloud-native, AI-powered applications with production-level features.

2 Modular & Flexible Learning Paths

- Choose between MERN, Java Spring Boot, or React Native depending on your career goals.
- Pick electives like DevOps, Cloud, GenAI, Testing, or Leadership to specialize in what excites you.

3 Hands-On Capstone Projects (Portfolio-Driven)

- Not just toy projects: build E-commerce, Food Ordering, Video Streaming, Social Media, Ride Booking Apps with real-world features.
- Every project is GitHub & resume-ready, so you graduate with a portfolio that speaks louder than certificates.

4 Covers the Complete Software Engineer Lifecycle

- Programming → DSA → System Design → Full-Stack → Projects→ DevOps → Cloud → AI → Testing → Leadership.
- Unlike other platforms, you don't just "learn to code," you learn to ship, scale, and lead products.

Meritshot

Learn from the Industry's Finest Engineers

Guided by engineers, not academicians - Mentors who know exactly what it takes to get into product companies

Abhishek | SDE at Microsoft

Abhishek is an experienced Software Development Engineer with 5 years of expertise in building scalable, high-performance software solutions. He has worked across enterprise systems and innovative tech tools, focusing on reliability and efficiency. At Microsoft, he contributed to large-scale projects and sharpened his skills in cutting-edge development. Passionate about problem-solving and new technologies, Abhishek thrives on creating products that deliver real impact.

Amjad | Software Developer at Amazon

Amjad brings 5 years of experience in building smart, efficient technology solutions. At Deloitte, he developed software that streamlined business operations, while at Amazon he is working as a software engineer, uncovering insights to drive decisions. Passionate about problem-solving and new technologies, he thrives on creating impactful, real-world solutions.

Dhruv | Software Engineer at Amazon | Ex-Paytm

With 4 years of experience, Dhruv builds scalable, high-performance applications at Amazon, enhancing user experience and business outcomes. Previously at Paytm, he gained expertise in debugging complex systems and optimizing performance. Passionate about innovation, he thrives on solving tough challenges and exploring new technologies.

Aditya | Software Engineer at Jupiter | Ex-Merck

With 3.5 years of experience, Aditya builds user-friendly applications at Jupiter, focusing on simplicity and impact. Previously at Merck India, he honed his problem-solving skills while working on real-world projects. He enjoys learning new technologies and transforming ideas into practical solutions.

Utkrish | SDE II at Google | Ex-Oracle

With 5 years of experience, Utkrish builds high-performance, scalable solutions at Google. Previously at Oracle, he worked on enterprise applications and performance optimization. Passionate about problem-solving and teamwork, he focuses on turning ideas into impactful products.

Meritshot

Get Industry-Recognized
Certification

Earn dual credentials: Microsoft-accredited certificate and a Meritshot completion certificate which is globally recognized, employer-trusted, and shareable on LinkedIn to showcase your AI-enhanced SDE expertise.

Microsoft Certified
Microsoft Azure Developer Associate

PRASHANT SAHU

Has successfully completed the requirements to be recognized as a Microsoft Certified: Azure Developer Associate.

Date of achievement: May 24, 2021
Valid until: May 24, 2023

Satya Nadella
Chief Executive Officer

Microsoft
CERTIFIED
ASSOCIATE
★★

Microsoft

Certification number: H825-1942

Career Boost

30% higher interview success, 150% avg. salary hike

Verified Credential

Unique code for easy employer validation

Meritshot

CERTIFICATE
OF COURSE COMPLETION

This certificate awarded to

Shivam Garg

For completion of 9 Months Intensive Instructor Led

Post Graduate Program in Software Development.

Conducted from 26th June 2023 – 26th February 2024

ISSUED DATE : 25TH JULY 2024
STUDENT ID: 137895

Roshan Sharma
Founder & Program Head

Meritshot

In Collaboration with

Microsoft

How to Enroll?

Your Next Steps

Download Brochure

Get complete curriculum details and program information

Get in Touch with us

Speak with our experts to explore specialisations, career paths, and program fit

Start Your Journey

Join the next batch and make a promise to transition your SDE career.

Start Your Journey with Meritshot

1. Hassle-Free Registration
Sign up on meritshot.com or connect with our counsellor to begin your journey.

2. Choose Your Track
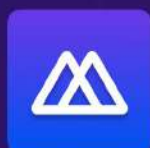Pick the batch that suits you: Beginner or Advanced, based on your current skill level.

3. Batch Allotment & Kickstart
Get onboarded into your chosen track with flexible payment options and start learning.

Enroll Now →

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THANK YOU

Need more insights?

Our counsellors will guide you on enrollment, specialisations, and career opportunities.

GET IN TOUCH →