INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER MAINFRAME
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Mainframe Training

BEST RATED ON TOP PLATFORMS

Google Reviews ★★★★★ | Trustpilot ★★★★★ | Sulekha ★★★★★

COURSE BENEFITS

- ✓ 100% Practical & Real-Time Hands-on Labs
- ✓ End-to-End Capstone Implementation Projects
- ✓ Industry Recognized Certification Preparation
- ✓ 100% Dedicated Placement Support in MNC's & Mock Interviews

15+	500+	25K	15K
YEARS OF EXCELLENCE	HIRING PARTNERS	STUDENTS TRAINED	STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

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ARE YOU FACING THESE CHALLENGES ?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE
?

How Inventateq Helps You

Waiting Ends. Careers Begin.
Build job-ready skills. Start applying with confidence.

Turns Gaps into Comebacks
Close skill gaps. Rebuild your career

Break Free. Move Forward
Learn in-demand skills. Take your next career step.

Doubt Out. Confidence In.
Practice real skills. Walk into interviews prepared.

Turn Rejections into Chances
Turn every setback into skills employers value.

Be Smart Learn AI
Learn AI tools. Work smarter. Stay updated

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ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

Our Mission
To deliver high-quality education, practical slots and career opportunities that empower individuals to achieve their dreams

Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

Why Thousands Choose Inventateq?

15+	500+	25,000+	15,000+
Years of Excellence	Hiring Partners	Students Trained	Students Placed

We Collaborate With

Deloitte. | Capgemini | amazon | HCL | Tech Mahindra

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WHY LEARN MAINFRAME ?

Enterprises worldwide are actively hiring certified Mainframe professionals to drive critical business operations, digital transformation, and modernization.

CAREER SCOPE OF MAINFRAME

Exponential Industry Demand
Rapid enterprise adoption across global IT firms, MNCs, and technology centers

Premium Salary Compensation
Command competitive compensation packages with rapid growth milestones

Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

Future-Proof Career Growth
Long-term job security supported by ongoing digital modernization and tooling investment

Global Certification Pathways
Direct alignment with recognized industry certifications to validate your competence

Worldwide Job Prospects
Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION

INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly present to
Gaurang Ahinave
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
This certificate recognizes the successful completion of the program requirements during the period from August 01, 2026 - August 18, 2026
scan to verify
SIGNATURE

QR Verified | Globally Valid | ISO 9001:2015

Top-Tier Data & AI Demand. Global Analytics Roles. Premium Compensation.

Average Mainframe Engineer Salary in India

₹7.5 LPA – ₹24 LPA

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WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

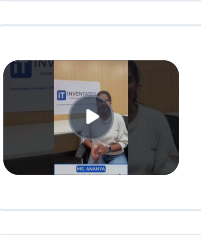
STUDENT PLACEMENTS

- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
Watch Video

Practical Training Success
Inventateq Reviews & Student Genuine Feed...
Industry Tech Career
Watch Video



Placement Story
Ananya's Placement Success Story | AI Course ...
Campus to MNC Offer
Watch Video

Interview Skills & Growth
Free Interview Skills Development Classes for...
Free Student Masterclass
Watch Video

> **At Inventateq, Your Success is Our Mission !**

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GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- ✓ Aptitude Training
- ✓ Technical Training
- ✓ Mock Interviews
- ✓ HR Interview Preparation
- ✓ Resume Preparation
- ✓ Cover Letter Preparation
- ✓ LinkedIn Profile Optimisation
- ✓ Job Portal Access
- ✓ Placement Drives & Hiring Events

OUR RECRUITMENT PARTNERS

TATA | Infosys | wipro
Capgemini | Tech Mahindra | LARSEN & TOUBRO
HCL TECH | accenture

OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

15,000+	500+	95%	6 LPA
Students Placed	Companies Hired	Placement Ratio	Average Package

Check Most Recent Placements

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CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Mainframe Developer	Manage core Mainframe tasks, configure tooling, and support delivery.	Practical Mainframe setup files, exercise scripts, and documentation.
Mainframe Specialist	Build practical JCL workflows, implement features, and resolve issues.	Functional JCL modules, workflow configs, and practical deliverables.
Lead Mainframe Engineer	Lead Mainframe technical delivery, design solutions, and set standards.	Complete Mainframe capstone artifacts, technical blueprints, and reports.

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SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Foundations)	Master fundamental Mainframe concepts, environment setup, and tools.	Configured Mainframe workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical JCL workflows and functional domain modules.	Working JCL project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced CICS features, integrations, and optimizations.	Validated CICS configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Mainframe capstone project and technical review.	Complete Mainframe project portfolio artifact and defense.

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DETAILED MODULE PLAN

11 in-depth modules • 3 Months Duration • Hands-on practical training

1 Module 1: Introduction to Mainframe

- Overview of Mainframe Computing
- Mainframe Architecture
- Batch vs Online Processing
- Mainframe Use Cases in Banking & Insurance
- Introduction to z/OS

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Mainframe Computing exercise.

INTERVIEW & ASSESSMENT
Explain what Mainframe Computing is used for and why companies choose it in simple words.

2 Module 2: TSO/ISPF Basics

- TSO (Time Sharing Option)
- ISPF Panels Navigation
- Data Set Management
- Job Submission Basics
- File Editing in ISPF

GUIDED LAB
Create and update lists and dictionaries to store and search customer records.

INTERVIEW & ASSESSMENT
Explain the difference between a list and a dictionary in simple everyday terms.

3 Module 3: JCL (Job Control Language)

- Introduction to JCL
- JOB, EXEC, DD Statements
- Job Submission and Execution
- Conditional Processing
- Common JCL Utilities

GUIDED LAB
Build a simple decision script that checks user input and repeats actions automatically.

INTERVIEW & ASSESSMENT
Explain when to use loops versus if-else conditions in simple words.

4 Module 4: COBOL Programming

- COBOL Basics
- Data Division & Procedure Division
- File Handling in COBOL
- Control Statements
- COBOL Program Structure

GUIDED LAB
Write a program that safely reads data from a file and handles missing file errors.

INTERVIEW & ASSESSMENT
Explain how you prevent an application from crashing when unexpected errors occur.

5 Module 5: DB2 Database

- Introduction to DB2
- SQL in Mainframe
- Tables, Views, Indexes
- Embedded SQL in COBOL
- DB2 Utilities

GUIDED LAB
Complete a guided practical exercise on DB2 and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of DB2 and how you use it in real job roles.

6 Module 6: CICS (Customer Information Control System)

- Introduction to CICS
- Online Transaction Processing
- CICS Screens and Maps
- Program Flow in CICS
- Basic CICS Commands

GUIDED LAB
Complete a guided practical exercise on CICS and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of CICS and how you use it in real job roles.

7 Module 7: VSAM Files

- VSAM Concepts
- KSDS, ESDS, RRDS
- File Organization
- Data Access Methods
- VSAM Utilities

GUIDED LAB
Complete a guided practical exercise on VSAM Concepts and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of VSAM Concepts and how you use it in real job roles.

8 Module 8: Debugging & Utilities

- Abend Handling
- Debugging Techniques
- Common Mainframe Utilities
- Job Logs Analysis
- Error Resolution Methods

GUIDED LAB
Complete a guided practical exercise on Abend Handling and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Abend Handling and how you use it in real job roles.

9 Module 9: Mainframe Operations

- Scheduling Jobs
- Production Support Basics
- Monitoring Batch Jobs
- System Utilities
- Performance Monitoring

GUIDED LAB
Complete a guided practical exercise on Scheduling Jobs and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Scheduling Jobs and how you use it in real job roles.

10 Module 10: Advanced Concepts

- REXX Scripting (Overview)
- Mainframe Security
- System Optimization
- Migration Concepts
- Modern Integration with APIs

GUIDED LAB
Complete a guided practical exercise on REXX Scripting (Overview) and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of REXX Scripting (Overview) and how you use it in real job roles.

11 Module 11: Real-Time Projects

- Banking Transaction Processing System
- Payroll Processing System
- Insurance Claim Processing System
- Batch Job Automation Project
- Resume Building & Interview Preparation
- Tools Covered
- IBM z/OS
- TSO/ISPF

GUIDED LAB
Complete an end-to-end practical project bringing together everything you built in this course.

INTERVIEW & ASSESSMENT
Present your completed project and explain your key design decisions with confidence.

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REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: Banking Transaction Processing System

What it is: Set up the core Mainframe environment and configure essential business settings.

What you do: Initialize base configurations, create clean templates, and verify workflow controls.

Tools used: Mainframe, Mainframe Computing

Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Payroll Processing System

What it is: Build practical TSO ISPF modules to handle everyday business operations.

What you do: Create core functional components, validate input data, and prevent common errors.

Tools used: Mainframe, TSO ISPF, TSO Time Sharing

Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Insurance Claim Processing System

What it is: Connect COBOL Programming with COBOL to automate data and team workflows.

What you do: Set up automated pipelines, link required services, and run end-to-end tests.

Tools used: Mainframe, COBOL Programming, COBOL

Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Batch Job Automation Project

What it is: Optimize CICS Customer Information workflows for security, speed, and reliability.

What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.

Tools used: Mainframe, CICS Customer Information, CICS

Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: IBM z/OS

What it is: Implement advanced Debugging Utilities features matching real industry requirements.

What you do: Configure custom settings, automate repetitive tasks, and test business logic.

Tools used: Mainframe, Debugging Utilities, Abend Handling

Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Mainframe End-to-End Capstone

What it is: Build a complete, production-ready Mainframe project bringing all skills together.

What you do: Design, code, test, and document a full project workflow from scratch to launch.

Tools used: Mainframe, Advanced, REXX Scripting

Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

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ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Mainframe principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on JCL implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate CICS techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Mainframe implementation, quality review, and delivery	Complete capstone submission with technical walkthrough review
Technical Mock Viva	Technical reasoning, troubleshooting approaches, and communication	Successfully defending project decisions in structured mock panels

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RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed Mainframe diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering JCL setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Mainframe tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

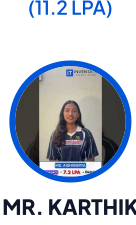
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"
Course Completed : **Mainframe Specialist**
G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Mainframe Specialist**
G ★★★★★

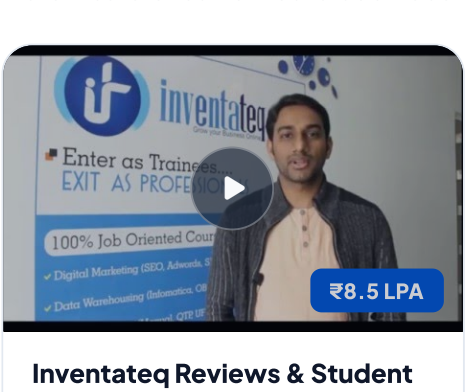


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

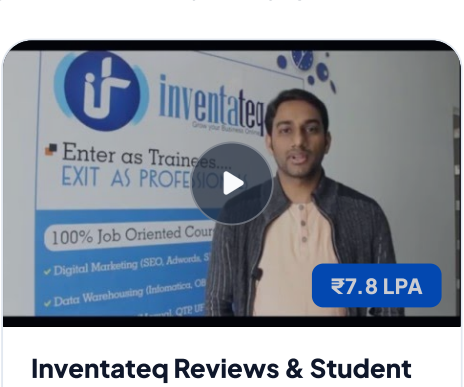
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Mainframe Specialist**
G ★★★★★

WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.



Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 1 • Student Feedback
Watch Story



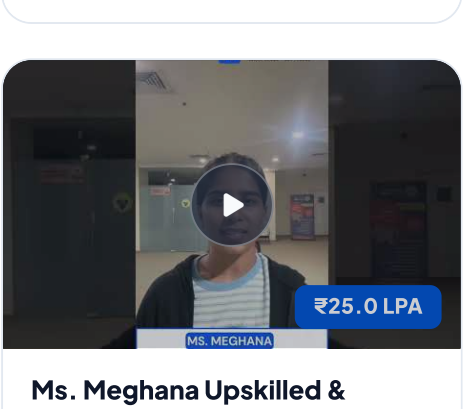
Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 2 • Student Feedback
Watch Story

MS. ANANYA
₹9.2 LPA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 3 • Student Feedback
Watch Story

Classes @ INVENTATEQ.COM
₹6.8 LPA

Free Interview Skills Development Classes for Freshers & College Students
Course Video 4 • Student Feedback
Watch Story



Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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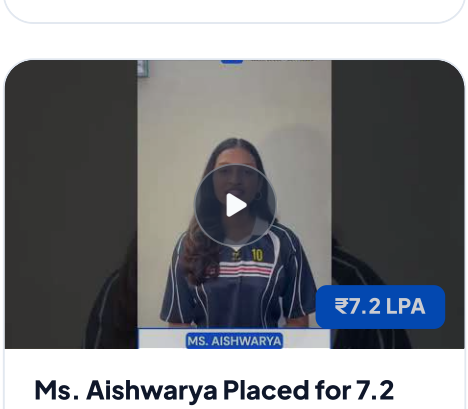

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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