INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER C CPP
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on C Cpp 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+ YEARS OF EXCELLENCE | 500+ HIRING PARTNERS | 25K STUDENTS TRAINED | 15K STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

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 C CPP ?

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

CAREER SCOPE OF C CPP

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
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Continuous Software Industry Demand. Product & MNC Roles. Exceptional Growth.

Average C Cpp Developer Salary in India

₹6.0 LPA – ₹18 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
C/C++ Programmer	Manage core C++ tasks, configure tooling, and support delivery.	Practical C++ setup files, exercise scripts, and documentation.
Embedded Systems Dev	Build practical Functions workflows, implement features, and resolve issues.	Functional Functions modules, workflow configs, and practical deliverables.
Senior Systems Engineer	Lead C Cpp technical delivery, design solutions, and set standards.	Complete C Cpp 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 C++ concepts, environment setup, and tools.	Configured C++ workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Functions workflows and functional domain modules.	Working Functions project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Arrays features, integrations, and optimizations.	Validated Arrays configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end C Cpp capstone project and technical review.	Complete C Cpp 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 C++

- What is C++?
- Features of C++
- Structure of a C++ Program
- Compilers & IDE Setup
- Input & Output Basics (cin, cout)

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

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

2 Module 2: C++ Basics

- Variables & Data Types
- Operators
- Control Statements (if, switch)
- Loops (for, while, do-while)
- Type Conversion

GUIDED LAB
Write a basic program to store user information, do simple math, and print the output.

INTERVIEW & ASSESSMENT
Explain the difference between text, numbers, and lists with simple everyday examples.

3 Module 3: Functions

- Function Basics
- Function Overloading
- Call by Value & Call by Reference
- Inline Functions
- Recursion

GUIDED LAB
Create reusable functions to perform calculations and organize them into clean files.

INTERVIEW & ASSESSMENT
Explain why programmers use functions to avoid writing duplicate code.

4 Module 4: Object-Oriented Programming (OOP)

- Classes & Objects
- Encapsulation
- Abstraction
- Inheritance Types
- Polymorphism (Compile-time & Run-time)

GUIDED LAB
Create a simple class model representing real-world items and test object creation.

INTERVIEW & ASSESSMENT
Explain what a class and an object are using a real-world example like a car.

5 Module 5: Constructors & Destructors

- Default Constructor
- Parameterized Constructor
- Copy Constructor
- Destructor Concepts
- Constructor Overloading

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

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

6 Module 6: Arrays & Strings

- One-Dimensional & Multi-Dimensional Arrays
- String Handling in C++
- Character Arrays
- Array of Objects
- Common Operations

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.

7 Module 7: Pointers & Memory Management

- Introduction to Pointers
- Pointer Arithmetic
- Dynamic Memory Allocation (new/delete)
- Dangling & Null Pointers
- Memory Management Best Practices

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

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

8 Module 8: File Handling

- File Input/Output Streams
- Reading & Writing Files
- File Modes
- Binary Files
- Error Handling in File Operations

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.

9 Module 9: Advanced C++ Concepts

- Templates (Function & Class Templates)
- Exception Handling
- Standard Template Library (STL)
- Vectors, Lists, Maps, Sets
- Lambda Expressions (Overview)

GUIDED LAB
Create reusable functions to perform calculations and organize them into clean files.

INTERVIEW & ASSESSMENT
Explain why programmers use functions to avoid writing duplicate code.

10 Module 10: OOP Design & Problem Solving

- Object-Oriented Design Principles
- Real-World Problem Solving
- Modular Programming
- Code Optimization Techniques
- Debugging Techniques

GUIDED LAB
Create a simple class model representing real-world items and test object creation.

INTERVIEW & ASSESSMENT
Explain what a class and an object are using a real-world example like a car.

11 Module 11: Real-Time Projects

- Student Management System
- Library Management System
- Bank Management System
- Inventory Management System
- Resume Building & Interview Preparation
- Tools Covered
- C++ Compiler (GCC / MinGW)
- Visual Studio Code / Code::Blocks

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: Student Management System

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

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

Tools used: C Cpp, Features, Structure Program

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

Project 2: Library Management System

What it is: Build practical Variables Data Types modules to handle everyday business operations.

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

Tools used: C Cpp, Variables Data Types, Operators

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

Project 3: Bank Management System

What it is: Connect Object Oriented Programming with Classes Objects to automate data and team workflows.

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

Tools used: C Cpp, Object Oriented Programming, Classes Objects

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

Project 4: Inventory Management System

What it is: Optimize Arrays Strings workflows for security, speed, and reliability.

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

Tools used: C Cpp, Arrays Strings, One Dimensional Multi

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

Project 5: C++ Compiler (GCC / MinGW)

What it is: Implement advanced File Handling features matching real industry requirements.

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

Tools used: C Cpp, File Handling, File Input Output

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

Project 6: C Cpp End-to-End Capstone

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

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

Tools used: C Cpp, OOP Design Problem, Object Oriented Design

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 C++ principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Functions implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Arrays techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end C Cpp 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 C++ diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Functions setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on C Cpp 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.

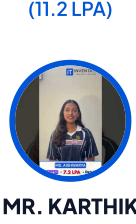
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"Building production-ready applications with clean code at Inventateq gave me the portfolio I needed. The mentors helped me understand enterprise design patterns clearly!"
Course Completed : C Cpp Specialist ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

"The hands-on capstone projects—especially integrating frontend, backend, and databases—were decisive in getting hired. The mock interview rounds were fantastic."
Course Completed : C Cpp Specialist ★★★★★

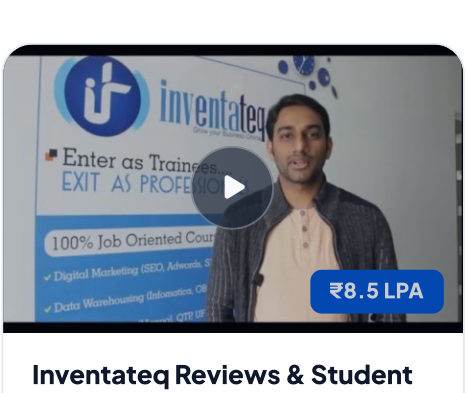


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Inventateq's practical coding drills and architecture reviews made all the difference. Having verified repositories on GitHub impressed my interviewers immediately!"
Course Completed : C Cpp Specialist ★★★★★

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
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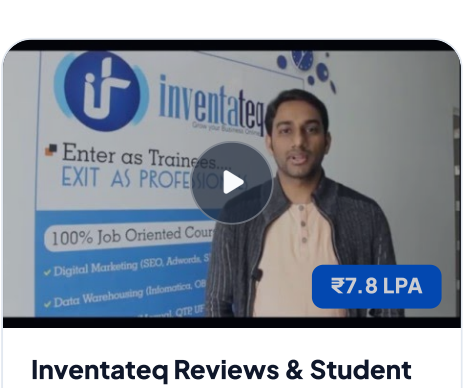

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Course Video 2 • Student Feedback
Watch Story

₹9.2 LPA
MS. ANANYA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
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Classes @ INVENTATEQ.COM
₹6.8 LPA

Free Interview Skills Development Classes for Freshers & College Students
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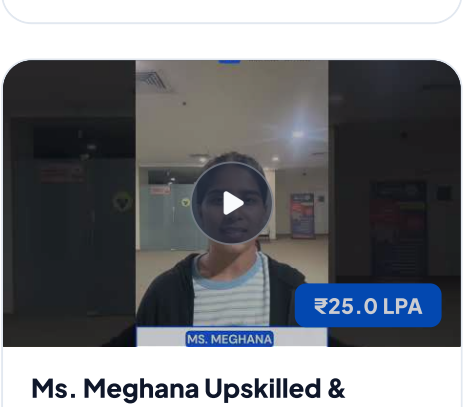

Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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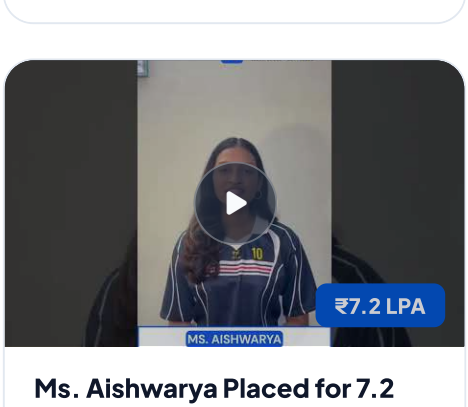

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
Watch Story

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info@inventateq.com

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