



Transforming Aspirations into Achievement

C & C++

Master C & C++ with Expert Guidance!

SELF-PACED | MENTOR LED | PROFESSIONAL





A Brief Story About The Company



ABOUT US

Our team is dedicated to empowering students with the skills needed to thrive in today's ever-evolving job market. We believe that staying ahead requires continuous skill development to meet industry demands.

At innoKNOWVEX, we bridge the gap between current capabilities and the expertise sought by leading organizations. Our platform offers industry-specific training in a professional setting, equipping students with the knowledge and practical skills essential for securing employment in their chosen fields.



About the Program

InnoKnowvex Edu Tech's 3-month program includes two months of industrial training with experts through live sessions & recorded materials.

The final month involves an individual project and a major project with affiliated companies, offering industry exposure and MNC work experience. This program prepares interns for successful careers in the field.

Modes of Training

★ SELF PACED

- Recorded Sessions with doubt-clearing opportunities
- Lifetime access to study material
- Training Certification+Internship Opportunity

★ MENTOR LED

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity

★ PROFESSIONAL

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity+placement assistance



FIRST TWO MONTHS

- Comprehensive industrial training from experts
- Live interactive sessions
- Lifetime access to session recordings
- Hands-on practice
- Mini-projects and exercises
- Real time engagement
- Immediate feedback
- Supportive learning environment
- Mentorship and peer collaboration
- Solid foundation
- Real-world projects in the internship phase

THIRD MONTH

Two key projects:-

1. Minor project focused on implementing and evaluating their skills independently.
2. Major collaborative project, providing industry exposure and experience in a multinational corporation environment.

***Interns work on real-world challenges under the guidance of experienced professionals, gaining valuable insights into industry practices while refining their technical skills. This hands-on experience prepares them for successful careers, giving them a competitive edge in the job market.**



Explore the **CAREER PATHS**

**Systems
Software
Engineer**

**Game
Developer
(C++)**

**IoT &
Robotics
Programmer**

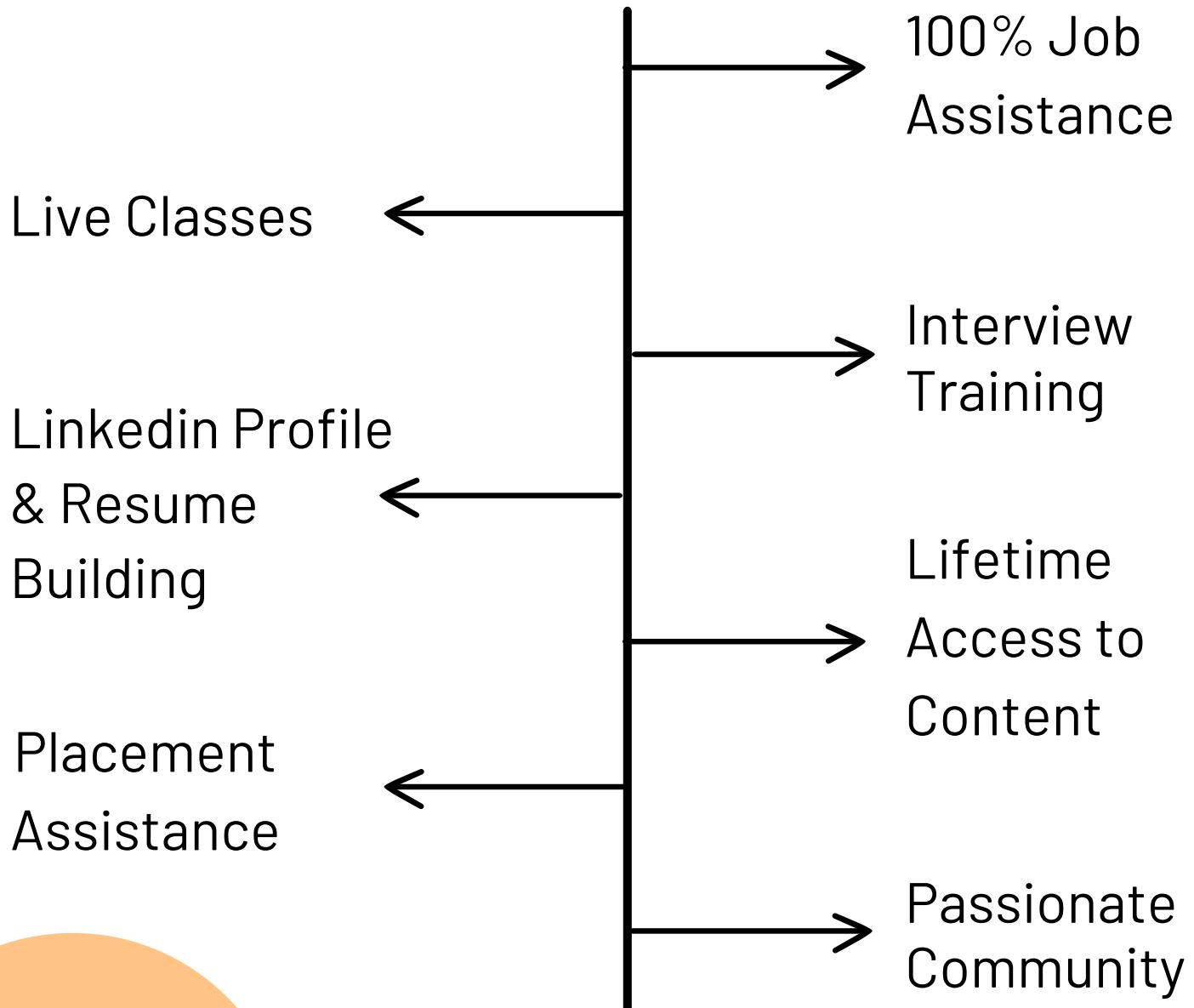
**Embedded
Systems
Developer**

**Language
Developer**

**Desktop
Application
Developer**

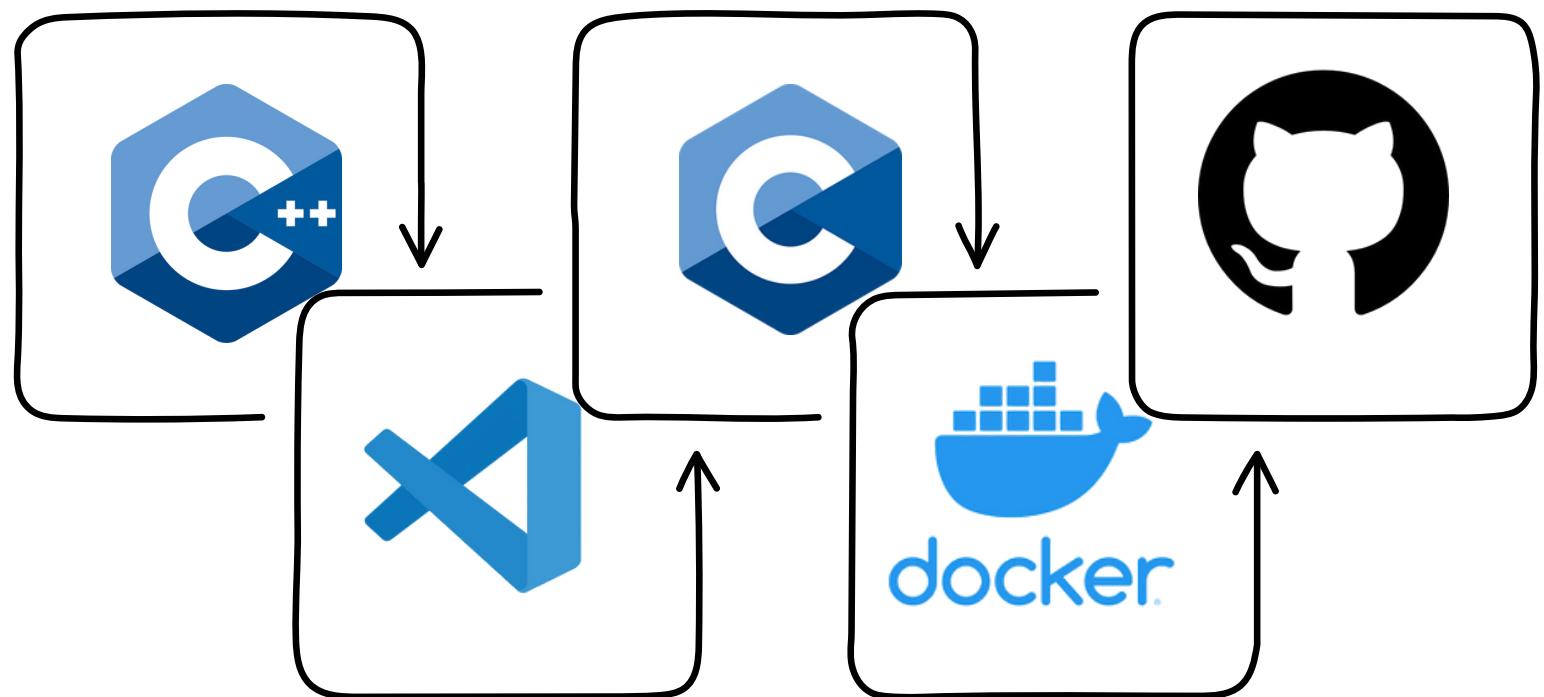


WHY US?



TOOLS

You will learn





KEY HIGHLIGHTS OF PROGRAM

Basic Syntax &
Structure

Data Types

Variables

Control
Structures

Functions

Arrays

Pointers

Object-Oriented
Programming

Constructors

Exception Handling &
Templates

Inheritance

Polymorphism

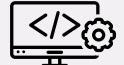
Course Curriculum



Week 1- Introduction to Programming with C

01

- History and evolution of C and C++
- Basics of compiling and running C/C++ code
- Structure of a program
- Writing and understanding a simple program



Week 2 - Variables, Data Types & Operators

02

- Data types and constants
- Arithmetic, logical, and relational operators
- Type conversion and precedence
- I/O operations in C and C++





Week 3 - Control Flow in C

03

- if, if-else, nested if, switch
- Loops: for, while, do-while
- Break and continue statements
- Basic input validation



Week 4 - Functions and Recursion

04

- Creating and using functions
- Call by value and reference
- Recursion examples
- Storage classes in C





★ RESUME BUILDING WORKSHOP



Week 5 - Arrays and Strings

05

- One-dimensional and multi-dimensional arrays
- String manipulation
- Character arrays vs string class in C++
- String functions



Week 6- Pointers and Dynamic Memory

06

- Pointers in C and C++
- Pointer arithmetic
- malloc, calloc, realloc, free
- Pointers to arrays, functions, and structures





Week 7 - Structures, Unions and File Handling in C

07

- Defining and using structures and unions
- Nested structures
- Bit-fields
- File operations: fopen, fread, fwrite, fclose



Week 8 - Object-Oriented Programming Basics

08

- Classes and objects in C++
- Access specifiers
- Constructors and destructors
- Introduction to encapsulation





★ SOFT SKILL DEVELOPMENT WORKSHOP



Week 9 - Inheritance and Polymorphism

09

- Types of inheritance**
- Constructor chaining**
- Function overloading and overriding**
- Runtime polymorphism and virtual functions**



Week 10 - Advanced C++ Concepts

10

- Operator overloading**
- Friend functions**
- Static members**
- Abstract classes and interfaces**





Week 11 - Templates, Exception Handling & File Handling in C++

11

- Function and class templates
- Standard exceptions
- Try, catch, throw blocks
- File streams in C++



HOW TO CRACK TECH INTERVIEWS



Week 12 - Mini Project Week

12

- Apply concepts from both languages
- Final project review and demo





CERTIFICATIONS





Pricing

PLAN

Live Sessions>

Get real-time Assistance

₹2,500

Self Paced>

Learn at your own pace

₹2,500



OUR COLLABORATIONS

Capgemini

IBM

wipro

accenture

meesho

SWIGGY

Razorpay

PhonePe

boAt



COMPANY DETAILS

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