



# CodeForAi

*The First Step Into the AI Future*

Live C++ Bootcamp for Students of Class 8–12 | Affordable |  
Beginner-Friendly | Project-Based Learning

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## About the Program

Coding is no longer just a skill for tech experts—it's a superpower for the future! In a world driven by artificial intelligence (AI), understanding the basics of programming opens doors to creativity, problem-solving, and exciting career paths. **CodeForAi** is a 45-day live coding bootcamp designed specifically for students in Classes 8–12, offering a fun and supportive way to learn C++ fundamentals and explore how coding builds the foundation for AI.

Our program makes learning practical and engaging through hands-on projects, interactive classes, and personal support. Taught in simple Hindi + English (Hinglish), it ensures every student feels confident, even with no prior coding experience. With worksheets, recordings, and a certificate of completion, CodeForAi equips young minds to take their first step into the AI future.

### Who is this course for?

- Curious students in Classes 8–12 with no prior coding knowledge.
- Future tech leaders eager to explore programming and AI.
- Young minds who love solving problems and creating something new.

## What You Will Learn

CodeForAi focuses on beginner-friendly C++ programming, laying a strong foundation for coding and AI concepts. By the end of the bootcamp, students will master:

- **Variables and Data Types:** Store and manage information like numbers and text.
- **Conditionals:** Make decisions in code, like checking if a number is even or odd.
- **Loops:** Repeat tasks efficiently, such as printing patterns or tables.
- **Functions:** Write reusable code blocks for tasks like calculating factorials.
- **Arrays:** Organize data, such as lists of numbers or names.
- **Strings:** Work with text, like counting words or reversing sentences.
- **Input/Output:** Interact with users through programs like calculators.
- **Mini Projects:** Build real-world applications to apply skills creatively.

Beyond coding, students will develop essential soft skills:

- **Logic:** Break down complex problems into simple steps.
- **Problem-Solving:** Tackle challenges with confidence.
- **Creativity:** Design unique solutions and projects.
- **Digital Confidence:** Navigate technology with ease.

## Course Schedule

CodeForAi is designed to fit seamlessly into busy school schedules while ensuring consistent learning progress.

- **Duration:** 45 Days (6 Weeks, 3 classes per week)
- **Days:** Tuesday, Thursday, Saturday (Can be changed as per the students' requirements.)
- **Time:** 4:00 PM – 5:30 PM or 6:00 PM – 7:30 PM
- **Mode:** Live online via Zoom or Google Meet (recordings available)
- **Instructor:** Shivam Sharma, Computer Science Graduate

With live classes, interactive Q&A, and recorded sessions, students can learn at their own pace while receiving personal support from our expert instructor.

## Real-World Projects

At CodeForAi, learning comes alive through exciting mini projects that students build from scratch. These projects make coding fun, practical, and rewarding, helping students apply their skills to real-world scenarios. Examples include:

- **Calculator:** Create a program to perform basic arithmetic operations.
- **Currency Converter:** Build a tool to convert between currencies.
- **Number Guessing Game:** Design an interactive game to test logic.
- **Pattern Generator:** Code creative patterns using loops.
- **Word Counter:** Develop a program to analyze text input.

These projects foster critical thinking, boost confidence, and show students how coding can solve everyday problems. By showcasing their work, students gain a sense of achievement and a portfolio to share with friends and family.

## How to Enroll

Joining CodeForAi is simple and quick. Follow these steps to secure your spot:

1. **Pay 1,499** via UPI or Razorpay (details provided upon registration).  
Registration Form and Payment: [Click here](#)
2. **Join our WhatsApp Group** for class updates and link access.
3. **Receive Zoom/Google Meet link** and worksheet pack to start learning.

**Limited seats. Early enrollment recommended.** For queries or assistance, contact us at [learntonext@outlook.com](mailto:learntonext@outlook.com) OR **+91 9258159902**.

## Session Plan

CodeForAi's 18-session plan ensures step-by-step learning with regular projects and practice. Each session builds on the previous one, keeping students engaged and confident.

- **Session 1:** Intro to Coding, What is AI, First Program
- **Session 2:** Variables, Data Types, User Input
- **Session 3:** Operators, Even/Odd, Currency Converter
- **Session 4:** Control Structures, Grade Finder, Calculator
- **Session 5:** Loops, Table Generator, Prime Checker
- **Session 6:** Patterns, Fibonacci
- **Session 7:** Switch, Break/Continue
- **Session 8:** Functions – Basics, Temp Calculator
- **Session 9:** Functions – Deep Dive, Factorial
- **Session 10:** Mini Projects (1–2)
- **Session 11:** Arrays – Intro
- **Session 12:** Arrays – Projects
- **Session 13:** Strings – Intro
- **Session 14:** Strings – Word Counter
- **Session 15:** Strings + Arrays Practice
- **Session 16:** Errors, Debugging, Exceptions
- **Session 17:** Final Recap + Project Build
- **Session 18:** What Next? Career Talk + Certificate

*This plan ensures your child learns programming fundamentals in a step-by-step, engaging way with regular projects and practice.*