# C@dingJr





# WEB DEVELOPMENT



# APP DEVELOPMENT



#### HTML

Learn the basic building blocks of the web and create an HTML document.



Overview of mobile Apps and its type



#### CSS

Learn basic CSS styling



#### **PROJECT**

Developing a Basic Webpage



# DATA SCIENCE



**C++** 



### SCIENCE

Overview of Data Science and its workflow



Learning about C++





### PROBABILITY & STATISTICS

Getting our Basics Strong with Probability and Statistics

### PYTHON AND FUNDAMENTAL LIBRARIES

Exploring Python and it's fundamental libraries

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### TYPE OF MACHINE LEARNING

Algorithm in Machine Learning



## INTERNET OF THINGS



#### **PYTHON**



### INTRO TO IoT AND NETWORKING

Understanding IoT fundamentals



Basics of Python with environment setup





### ARDUINO AND THEIR PROGRAMMING

Introduction to Arduino and its related concepts

### GET YOUR BASICS RIGHT

Introducing Python Fundamentals





#### **EVENT HANDLING**

Handling IoT events using practical examples

#### INTRO TO OOPs

**Understanding OOPs Concepts** 





#### **BASIC LOGIC GATES**

Learning Logic Gates (AND, OR, XOR etc)



#### INTRO TO AI & DATA

Diving into the field of Artificial Intelligence (AI) and it's related concepts

### INTRO TO COMPUTER NETWORK

**Overview of Computer Networks** 



#### TYPES OF NETWORKS

Exploring different types of Networks like WAN, LAN etc



### INTERNET, WEB & INTERNET OF THINGS

Understanding the concepts of Internet, Web and IoT





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## CYBER SECURITY



# GAME DEVELOPMENT



### INTRO TO INTERNET, DATA & SECURITY

Exploring data, internet and security



Understanding Game Development Concepts





### SECURITY

Overviewing the concepts in Cyber Security

#### **BASIC GAMES IN SCRATCH**

Using the concepts learnt in Scratch language, to make a game



#### **FIREWALL**

Learning the know-how of Firewall

#### **GAME DESIGN CONCEPTS**

Using Scratch- Basic to Advanced concepts



## TYPES OF VULNERABILITY AND PREVENTION

Grasping the essential concepts of Vulnerability and Prevention

### COMPUTER PROTECTION BASICS

Getting our basics right to protect our computers from unwanted attacks

