

# CERTIFICATE

This is to certify that

**Nouman Shamraiz S/O Shamraiz**

has completed

## Front-End Web Development Course


The Course Covers Web Development using HTML5, CSS3, Bootstrap, JavaScript & jQuery. It also Covers

Fundamental of Angular & Consuming REST API using AJAX & JSON


He was enrolled in our 463<sup>rd</sup> batch of Front-End Web Development Course which was conducted

From **July 23, 2022** to **October 23, 2022** at our training institute in Rawalpindi, Pakistan.

His registration number is **R0122070056**.



Amran Malik Program Coordinator



Ali A. Malik, Director Operations



# CERTIFICATE

This is to certify that

**Nouman Shamraiz S/O Shamraiz**

has completed

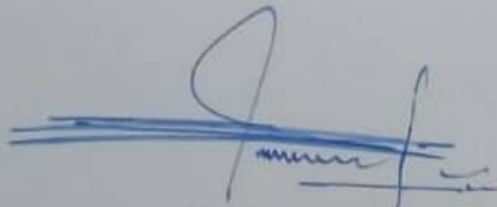
## Front-End Web Development Course

The Course Covers Web Development using HTML5, CSS3, Bootstrap, JavaScript & jQuery. It also Covers  
Fundamental of Angular & Consuming REST API using AJAX & JSON

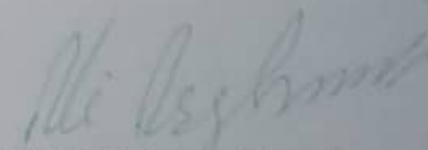
He was enrolled in our 463<sup>rd</sup> batch of Front-End Web Development Course which was conducted

From **July 23, 2022** to **October 23, 2022** at our training institute in Rawalpindi, Pakistan.

His registration number is **R0122070056**.



Amran Malik Program Coordinator



Ali A Malik, Director Operations





PUNJAB  
COLLEGES

# ROBOTICS

PROGRAMME 2021-2022



## CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Mr./Ms. NOUMAN SHAMRAIZ

Roll No. 2032103 Class ROBOTICS

Campus/City D-9 CAMPUS/RAIWALPINDI

Head Robotics

Principal



PUNJAB  
COLLEGES

PGC

# ROBOTICS

EXHIBITION 2022

This Certificate of Participation is Awarded to

Mr./Ms. NOUMAN SHAMRAIZ

Roll No. 2032103 Class ROBOTICS

Campus/City D-9 CAMPUS/RAWALPINDI

Date 18th AUGUST 2022

Signature



PUNJAB  
COLLEGES

# ROBOTICS

PROGRAMME 2021-2022

## CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

Mr./Ms. Nowman Shamraiz (1<sup>st</sup> Position)

Roll No. 2032103 Class 2<sup>nd</sup> Year

Campus/City D-9/Rawalpindi

Head Robotics

Principal





INSTITUTE C++ Institute Authorized Academy Program

Program Your Future

Statement of Achievement

## CPA: Programming Essentials in C++

During the Cisco Networking Academy® self-paced course, the student has studied the following skills:

- the universal concepts of computer programming,
- developer tools,
- the syntax and semantics of the C++ language, as well as basic data types in the C++ language,
- the principles of the object-oriented model and its implementation in the C++ language,
- the means by which to resolve typical implementation problems with the aid of standard C++ language libraries,
- the writing of C++ programs using standard language infrastructure, regardless of the hardware or software platform.

This Statement of Achievement is to acknowledge that during the course **CPA: Programming Essentials in C++**, the student has been able to accomplish coding tasks related to the basics of programming in the C++ language, and understands the fundamental notions and techniques used in object-oriented programming.

By completing the course, the student is now ready to attempt the qualification **CPA – C++ Certified Associate Programmer Certification**, from the C++ Institute.

Maciej Wichary  
VP - OpenEDG C++ Institute

**NOUMAN SHAMRAIZ**

Student

**20 Jul 2023**

Date