

CERTIFICATE

OF EXCELLENCE

This certificate is proudly presented to
Siddhartha Kumar Jha (2100290130169)

in recognition of outstanding achievement in
competitive coding contest "CODE-IT" organized by

Department of Information Technology, on the HackerRank platform on 04/11/2023.
Your commitment to academic excellence is truly commendable. May this achievement
inspire and propel you toward continued success in your future journey.

Congratulations on this well deserved honor!

Dr. Vikas Goel

Dr. Vikas Goel
Addl. HoD IT

Dr. Adesh Kumar Pandey

Dr. Adesh Kumar Pandey
HoD IT



Become a Data Analyst

Learning Path completed by Siddharth Jha
May 07, 2024 at 06:54PM UTC • 40 hours 5 minutes

Top skills covered

Tableau

Microsoft Power BI

Microsoft Excel

A stylized, handwritten signature in black ink that reads "Darf Brodsky".

Head of Content Strategy, Learning



Certificate ID: b61b3834b4009c3a148f88e6017626ba9c84879f7ecd5d08e1e0069f2b32b751

Certificate of Course Completion

SIDDHARTH KUMAR JHA

has successfully achieved student level credential for completing the Networking Basics course.

The student was able to proficiently:

- Explain important concepts in network communication, network types, components, and connections.
- Explain the importance of standards and protocols in network communications.
- Explain how communication occurs on Ethernet networks.
- Explain the features of an IP address and IPv4 addresses are used in network communication.
- Explain features of IPv6 addressing.
- Explain how routers connect networks together.
- Use various tools to test and troubleshoot network connectivity.
- Configure an integrated wireless router and wireless client to connect securely to the internet.



Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

May 04, 2024



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

SIDDHARTH KUMAR JHA

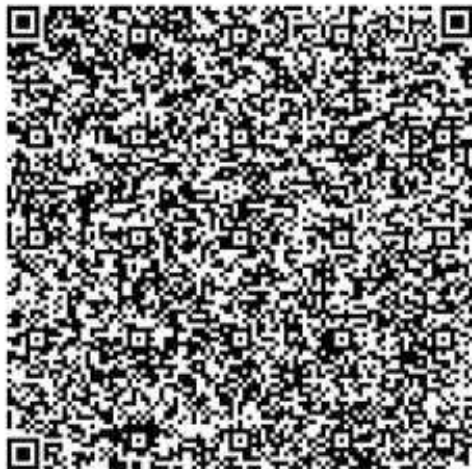
for successfully completing the course

AWS Certified Solution Architect Associate

on May 16, 2024



Congratulations! You make us proud!



Issued on: Friday, May 17, 2024

To verify, scan the QR code at <https://verify.onwingspan.com>

Thirumala Arohi

Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

ID: 3B891A5EEA35

HackerRank

Certificate

This is to certify that

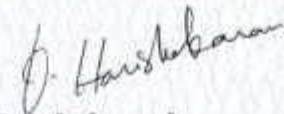
SIDDHARTH KUMAR JHA

has successfully cleared the assessment for the skill

Problem Solving (Intermediate)

26 Nov, 2023

Date



Harishankaran K

CTO, HackerRank

ID: 2D618C60F6E9

HackerRank

Certificate

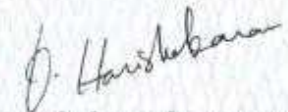
This is to certify that

SIDDHARTH KUMAR JHA

has successfully cleared the assessment for the skill
Python (Basic)

22 Oct, 2023

Date



Harishankaran K

CTO, HackerRank

ID: 1211FED8D1EC

HackerRank

Certificate

This is to certify that

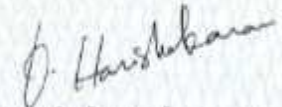
SIDDHARTH KUMAR JHA

has successfully cleared the assessment for the skill

Problem Solving (Basic)

22 Oct, 2023

Date



Harishankaran K

CTO, HackerRank



CERTIFICATE OF COMPLETION



This certificate is presented to

Siddharth Kumar Jha

for successfully completing

AI Using Python

Certificate Number : 31122022884288040

Student ID: 2022/9923

Course Start Date : 2022-09-12

Course End Date : 2023-06-30



CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Siddharth Kumar Jha

has successfully completed 4 weeks of a virtual internship program in

Python Programming

with wonderful remarks at **CODSOFT** from 01/04/2024 to 30/04/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.



Founder



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



Programming Pathshala

Siddharth Kumar Jha

has successfully completed course on

**"Problem Solving in Data Structures & Algorithms and
Fundamentals of Web Development"**

An On-Campus Program organised by KIET Group of
Institutions.



2024-05-14

DATE



Programming
Pathshala

Anoop Garg

Co-founder, Programming Pathshala



Excel Statistics Essential Training: 1

Course completed by Siddharth Jha
May 06, 2024 at 09:57AM UTC • 3 hours 36 minutes

Top skills covered

Statistics

Microsoft Excel

A stylized, handwritten signature in black ink that reads "Dan Bradley".

Head of Content Strategy, Learning



Certificate ID: 391617b69615ee23614718e568d4030cdf1e5dee2dd9597400479fc230f5ed83



Learning Data Analytics Part 2: Extending and Applying Core Knowledge

Course completed by Siddharth Jha
May 05, 2024 at 05:24PM UTC • 3 hours 22 minutes

Top skills covered

Data Analytics

A stylized, handwritten signature in blue ink that reads "Darf Brodsky".

Head of Content Strategy, Learning



Certificate ID: ec93a4f259af5ef66691ec199253a9811aa50df0cd94395a65cd55e45577ca8c



Learning Data Analytics: 1 Foundations

Course completed by Siddharth Jha
May 05, 2024 at 09:15AM UTC • 3 hours 29 minutes

Top skills covered

Data Analytics

A stylized, handwritten signature in black ink that reads "Darf Brodsky".

Head of Content Strategy, Learning



Certificate ID: 8c79039d1929e908787c9dcc79eedffb354e6a34f0ed4d2b87ffc6318d5b7120



Corporate
Social
Responsibility

Cisco Networking Academy

Certificate of Course Completion

Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

Academy Name

India

Location

6 Jun 2024

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy



Corporate
Social
Responsibility

Cisco Networking Academy

Certificate of Course Completion

Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

Academy Name

India

Location

6 Jun 2024

Date

Laura Quintana
VP & General Manager, Cisco Networking Academy



Predictive Analytics Essential Training: Data Mining

Course completed by Siddharth Jha
May 06, 2024 at 11:03AM UTC • 1 hour 54 minutes

Top skills covered

Data Mining

Predictive Analytics

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, Learning



Certificate ID: 27c37d67b841b3468366df015aeb2b40a591de39bc64d3e99bf0d71173f98733



R Essential Training: Wrangling and Visualizing Data

Course completed by Siddharth Jha
May 07, 2024 at 06:54PM UTC • 4 hours 18 minutes

Top skills covered

R (Programming Language)

Data Wrangling

Data Visualization

A stylized, handwritten signature in black ink that reads "Dan Bradley".

Head of Content Strategy, Learning



Certificate ID: 9ee58fe5e7f00c714027a4c4217b0bde9a7ccc57bb381c9482dafb6c7a9f1c5a



SQL: Data Reporting and Analysis

Course completed by Siddharth Jha
May 07, 2024 at 10:14AM UTC • 2 hours 32 minutes

Top skills covered

Data Analysis

SQL

A stylized, handwritten signature in black ink that reads "Darf Brodnitz".

Head of Content Strategy, Learning



Certificate ID: 38e866559799752e78d57f454699161b1b61a912ba24b15d280fcdcdc24028b67



SIDDHARTH KUMAR JHA

Certificate of Completion for

AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed

20 hours

Issued on

05/13/2024

Digital badge

<https://www.credly.com/go/EEbXAMwY>

Networking Essentials

The student has successfully achieved student level credential for completing Networking Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Explain the concept of network communication.
- Explain the basic requirements for getting online.
- Build a simple home network.
- Explain the importance of standards and protocols in network communications.
- Explain how communication occurs on Ethernet networks.
- Create a fully connected LAN.
- Explain the DHCP address assignment process.
- Explain the principles of IPv4 and IPv6 address management.
- Explain how clients access internet services.
- Explain the function of common application layer services.
- Configure an integrated wireless router and wireless client to connect securely to the internet.
- Connect wireless PC clients to a wireless router.
- Explain how to use security best practices to mitigate attacks.
- Configure basic network security.
- Explain how to use the Cisco IOS.
- Build a simple computer network using Cisco devices.

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

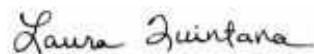
Academy Name

India

Location

8 May 2024

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy



Tableau Essential Training

Course completed by Siddharth Jha
May 06, 2024 at 06:00PM UTC • 4 hours 42 minutes

Top skills covered

Tableau

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, Learning



Certificate ID: 9a8d19d53945f8de34bd9f779d29f8c346e78e82ab1307d0628714e6bf442699



The Non-Technical Skills of Effective Data Scientists

Course completed by Siddharth Jha
May 05, 2024 at 09:25AM UTC • 50 minutes

Top skills covered

Data Science

Soft Skills

A stylized, handwritten signature in black ink that reads "Darf Brodnitz".

Head of Content Strategy, Learning



Certificate ID: 6cbd45d459b0352a86760e958d55bf126bc190d000af710f6884ebf0893d0b8a



Learning Data Visualization

Course completed by Siddharth Jha
May 06, 2024 at 12:28PM UTC • 1 hour 51 minutes

Top skills covered

Data Visualization

A stylized, handwritten signature in black ink that reads "Darf Brodsky".

Head of Content Strategy, Learning



Certificate ID: a8d45ad6314dc470bf0767d2272760dbd43e7ce96f9685e719919b4f9737d687

Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, provided by **Cisco Networking Academy®** in collaboration with **OpenEDG Python Institute**:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Siddharth Jha

Student



Maciek Wichary
VP & CEO, OpenEDG

6 Jun 2024

Date



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:

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

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

Maciej Wichary
VP - OpenEDG C++ Institute

Siddharth Jha

Student

26 Oct 2022

Date



Learning Excel: Data Analysis

Course completed by Siddharth Jha
May 05, 2024 at 11:14AM UTC • 3 hours 16 minutes

Top skills covered

Data Analysis

Microsoft Excel

A stylized, handwritten signature in black ink that reads "Darf Brodnitz".

Head of Content Strategy, Learning



Certificate ID: aded8dead7e6d07a8c43e0a53a7de41cb6de2d4dc8d3c4c6840aa27c255a9cf5



Power BI Essential Training

Course completed by Siddharth Jha
May 07, 2024 at 08:55AM UTC • 3 hours 49 minutes

Top skills covered

Data Analysis

Business Intelligence (BI)

Microsoft Power BI

A stylized, handwritten signature in black ink that reads "Darf Brodnitz".

Head of Content Strategy, Learning



Certificate ID: d0ebe4767b442dc380ad9f301fbd7646015e3e2eb3d3dc59e96f69caf8f23571



Data Cleaning in Python Essential Training

Course completed by Siddharth Jha
May 07, 2024 at 01:10PM UTC • 1 hour 5 minutes

Top skills covered

Python (Programming Language)

Data Cleaning

A stylized, handwritten signature in black ink that reads "Dan Bradley".

Head of Content Strategy, Learning



Certificate ID: b26053dd123c3667fc5e4a31a2d6a6add3774ff19c363c212e9b8b19e4b1abff



Data Literacy: Exploring and Describing Data

Course completed by Siddharth Jha
May 05, 2024 at 03:23PM UTC • 5 hours 14 minutes

Top skills covered

Data Science

A stylized, handwritten signature in black ink that reads "Darf Brodsky".

Head of Content Strategy, Learning



Certificate ID: 286a7f7bde2379513fd32920312a0884fda8c12b7bfc7813ebd1d8ea9d843b96

CCNAv7: Introduction to Networks

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

Academy Name

India

Location

11 Jun 2024

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy

CCNAv7: Switching, Routing, and Wireless Essentials

The student has successfully achieved student level credential for completing CCNAv7: Switching, Routing, and Wireless Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

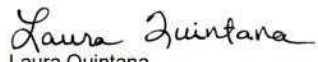
Academy Name

India

Location

11 Jun 2024

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy

CCNAv7: Enterprise Networking, Security, and Automation

The student has successfully achieved student level credential for completing CCNAv7: Enterprise Networking, Security, and Automation course administered by the undersigned instructor. The student was able to proficiently:

- Configure single-area OSPFv2 in both point-to-point and multiaccess networks.
- Explain how to mitigate threats and enhance network security using access control lists and security best practices.
- Implement standard IPv4 ACLs to filter traffic and secure administrative access.
- Configure NAT services on the edge router to provide IPv4 address scalability.
- Explain techniques to provide address scalability and secure remote access for WANs.
- Explain how to optimize, monitor, and troubleshoot scalable network architectures.
- Explain how networking devices implement QoS.
- Implement protocols to manage the network.
- Explain how technologies such as virtualization, software defined networking, and automation affect evolving networks.

Siddharth Jha

Student

KIET Group of Institutions, Delhi-NCR, Ghaziabad

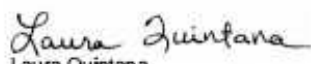
Academy Name

India

Location

11 Jun 2024

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy



Certificate of Internship

Siddharth Kumar Jha

has successfully completed the internship as a Data Science Intern
at Sudaku CodeClause Private Limited (an ISO 9001:2015 certified organization)
from 1 Jun 2024 to 1 Jul 2024

Mr. Rupam Mankar
CEO, CodeClause



Jul 03, 2024
ID: CC-CLE5989

Mr. Pratik Kate
Head of Internship, CodeClause

Date- 03 Jul 2024

TO WHOM IT MAY CONCERN

This letter is to certify that **Siddharth Kumar Jha** , a student of **Information Technology** at **Kiet Group Of Institutions** , has successfully completed his internship program with Sudaku CodeClause Pvt Ltd. His internship tenure was from **01-Jun-2024** to **01-Jul-2024**.

He was working as a **Data Science Intern** and was actively and diligently involved in the projects and tasks assigned to him.

During this period, we found him to be a punctual, inquisitive, and hardworking individual. He displayed a strong interest in learning, taking the initiative to absorb as much information as possible about the industry and gaining an understanding of a real working environment. Moreover, his interpersonal and communication skills are excellent.

His time with us was very productive and beneficial for both parties. We wish him all the best in his future endeavors.

Regards,



Rupam Mankar
CEO, CodeClause



**MINISTRY OF
CORPORATE
AFFAIRS**
GOVERNMENT OF INDIA



SUDAKU CODECLAUSE PVT LTD

403- Lane A-5, Nivrutti Nagar Vadgaon Bk, Pune -411041 Maharashtra | India

Contact: +91 80 62181320 | www.codeclause.com | E-mail: internship@codeclause.com



Date - 03 / 07 / 2024

It is a great pleasure that we recommend **SIDDHARTH KUMAR JHA** on the basis of his performance in the internship with CodeClause as **Data Science Intern** in the month of **Jun 2024**. He did an excellent job in this position and was an asset to our organization during his internship tenure.

Throughout the internship, He has demonstrated excellent communication skills, a curious mind, and admirable social awareness. He also performed extremely well during the internship and showed excellent skills as seen in the project submission and participation in the regular activities.

He is always willing to put a unique approach to the projects that are assigned, while also adhering to the guidelines and rules.

With this, we will take this opportunity to wish **SIDDHARTH KUMAR JHA**, all luck for future endeavors and hope for a bright future ahead.

Regards,

Team CodeClause



www.codeclause.com



official@codeclause.com



Siddharth Jha

has successfully completed the EF SET Certificate
and has earned the English level:



✓ Reading ✓ Listening

Awarded on: 25 Jul 2024

Understanding the results

EF SET	0-20	21-30	31-40	41-50	51-60	61-70	71-100
CEFR	A0 Novice	A1 Beginner	A2 Elementary	B1 Intermediate	B2 Upper Intermediate	C1 Advanced	C2 Proficient

The achieved English level is 62/100 on the EF SET score scale and C1 Advanced according to the Common European Framework of Reference (CEFR). The EF SET score is calculated as an average of the reading and listening scores.



Reading Score
C1 Advanced



Listening Score
B2 Upper Intermediate

Siddharth Jha

has successfully completed the EF SET Certificate
and has earned the English level:



✓ Reading ✓ Listening ✓ Writing ✓ Speaking

Awarded on: 25 Jul 2024

Understanding the results

EF SET	0-20	21-30	31-40	41-50	51-60	61-70	71-100
CEFR	A0 Novice	A1 Beginner	A2 Elementary	B1 Intermediate	B2 Upper Intermediate	C1 Advanced	C2 Proficient

The achieved English level is 63/100 on the EF SET score scale and C1 Advanced according to the Common European Framework of Reference (CEFR). The EF SET score is calculated as an average of the reading, listening, writing, and speaking scores.



Reading Score
C1 Advanced



Listening Score
B1 Intermediate



Writing Score
C2 Proficient



Speaking Score
B2 Upper Intermediate