



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**NARU VENKATESWARA REDDY**  
for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **33131**

**Jul-Oct 2024**

**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS115S253400210

To verify the certificate



No. of credits recommended: 3 or 4



## CERTIFICATE OF INTERNSHIP

This is to Certify that Mr./Ms

**Naru Venkateswara Reddy**

Enrolled in the **CSE - AI - 21471A4341**

From College **Narasaraopeta Engineering College**

of university **JNTUK, Kakinada**

has Successfully Completed short-term Internship programme titled

**Full Stack Java**

under SkillDzire for 2 Months.Organized By **SkillDzire** in collaboration  
with **Andhra Pradesh State Council of Higher Education**.

Certificate ID:

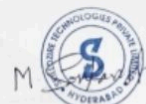
**SDST-31074**

Issued On:

**1-Jul-2024**



Approved By AICTE



Authorized Signature



my  
Gov  
मेरी सरकार



**Ideas For The Vision**  
**VIKSIT BHARAT @2047**

**Certificate of Participation  
is awarded to**

*Naruvenkateswarareddy*

**for contributing ideas towards realizing the vision of  
Viksit Bharat by 2047.**



अखिल भारतीय तकनीकी शिक्षा परिषद्  
All India Council for Technical Education



## Certificate of Virtual Internship

This is to certify that

Venkateswarareddy Naru

Narasaraopeta Engineering College

has successfully completed 10 weeks

Data Engineering Virtual Internship

During April - June 2024

Curriculum Provided by:



Shri Buddha Chandrasekhar  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE

Dr. Satya Ranjan Biswal  
Chief Technology Officer (CTO)  
EduSkills



Certificate ID :91e53841cfe091f1e2397343bb764ca1  
Student ID :STU6610ea1fc2f8e1712384543



GRADE: O (Outstanding): 90-100 | E (Excellent): 80-89 | A (Very Good): 70-79 | B (Good): 60-69 | C (Fair): 50-59 | D (Average): 40-49 | P (Pass): 30-39 | F (Fail): Below 30

In recognition of the commitment to achieve  
professional excellence



Naru Venkateswarareddy

Has successfully satisfied the requirements for:

IBM Data Science Practitioner Certificate



Issued on: 30 OCT 2024

Issued by IBM

Verify: <https://www.credly.com/go/f1Bphqy6>



In recognition of the commitment to achieve  
professional excellence



Naru Venkateswarareddy

Has successfully satisfied the requirements for:

Enterprise Design Thinking Practitioner



Issued on: 21 JUN 2024

Issued by IBM

Verify: <https://www.credly.com/go/yCjW4B8e>





ID: 3A98B5A39B83

**HackerRank**

# Certificate

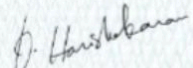
This is to certify that

**Naru Venkateswara Reddy**

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

**05 Jul, 2024**

Date

  
**Harishankaran K**  
CTO, HackerRank

ID: 9E2A8E687A31

**HackerRank**

# Certificate

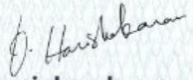
This is to certify that

**Naru Venkateswara Reddy**

has successfully cleared the assessment for the skill  
**Java (Basic)**

**05 Jul, 2024**

Date

  
**Harishankaran K**  
CTO, HackerRank



# Verified Certificate



This is to certify that

**Naru venkateswarareddy reddy**

successfully completed and received a passing grade in

**ML0101EN: Machine Learning with Python: A  
Practical Introduction**

a course of study offered by IBM, an online learning initiative of  
IBM.

**Joseph Santarcangelo**

Data Scientist

IBM



Verified Certificate  
Issued March 26, 2024

Valid Certificate ID  
**362d280e689c4162a2ceecf65d95d2e**

# Verified Certificate



This is to certify that

**Naru venkateswarareddy reddy**

successfully completed and received a passing grade in

**DS0720EN: Data Science and Machine  
Learning Capstone Project**

a course of study offered by IBM, an online learning initiative of  
IBM.

*Yan Luo*

Yan Luo

Ph.D., Data Scientist and Developer  
IBM

*Joseph Santarcangelo*

Joseph Santarcangelo

Ph.D., Data Scientist  
IBM



Verified Certificate  
Issued March 26, 2024

Valid Certificate ID  
**665a7b8f33ef4242a5238f350f30793a**