Cloud Computing

ABOUT US

RD INFRO TECHNOLOGY is a vibrant and diverse community that brings
together individuals with similar objectives and ultimate goals. Our main focus is on creating opportunities that span various areas, including leadership development, learning, student engagement, and fostering shared interests.

We believe in the power of leadership and its ability to drive positive change. That's why we provide platforms and resources for our community members to develop their leadership skills.

Through mentorship programs, workshops, and collaborative projects, we empower individuals to take on leadership roles and make a difference in their respective fields.

INSTRUCTIONS

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- Update your **LinkedIn profiles**
- For a **Cloud Computing internship** , you will need to complete any one (either level 1 or level 2 , or level 3) at your convenience for successful completion of the internship.
- Maintain a separate Git Hub repository(name **RD INFRO TECHNOLOGY** for all the tasks and
  share the link of the GitHub repo in the task **submission form(it will be given later through email).**
- You can refer to online resources such as Google Search and read tutorials. Watch videos(For Help).

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SUBMISSION

1. *A **TASK SUBMISSION FORM** will be shared later through email .Till then please continue your task.*

2. *A video need to be created to showcase your work, demo of your effort*

3. *The video can be hosted on LinkedIn for proof of your work and build credibility among your peers . You can tag **RD INFRO TECHNOLOGY** in such posts.*

4. *Please add #RDINFRO TECH in each of your task video postings on LinkedIn, Additionally, you can also add hashtags such as #internship*

ABOUT THE INTERNSHIP

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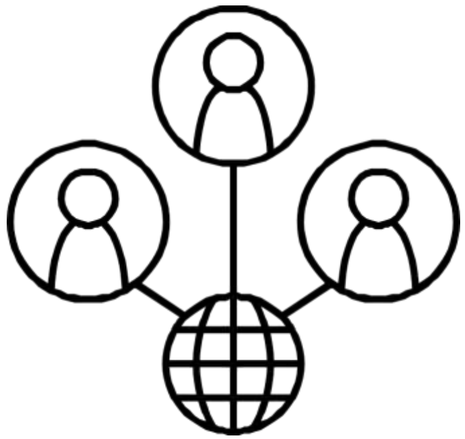
COMPLETION CERTIFICATE

PLACEMENT SUPPORT



NETWORK OPPORTUNITY

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Cloud Computing

TASK LIST

LEVEL 1 TASK 1

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Cloud Computing (Overview):

Task: Educate users on the basics of cloud computing and its benefits.

Explanation: Cloud computing allows users to store, manage, and process data on remote servers, offering scalability, cost-efficiency, and flexibility. Understanding the fundamentals of cloud services can empower users to leverage this technology effectively.

Link: Cloud Computing Guide

TASK 2

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Cloud Computing Awareness (Easy):
Task: Conduct a workshop on the fundamentals of cloud computing and its applications in business.
Explanation: Cloud computing provides scalable and flexible IT solutions. Educating employees about its benefits and use cases enhances organizational adaptability to modern technology.
Link: Introduction to Cloud Computing by AWS

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TASK 3

Cloud Computing (Intermediate):

Task: Understand and work with basic cloud computing concepts, services, and deployment models.

Explanation: Gaining knowledge in cloud computing ensures effective utilization of scalable, on-demand resources, enhancing productivity and cost efficiency.

Link: AWS Cloud Practitioner Essentials

TASK 4

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Cloud Computing Security Best Practices (Intermediate):

Task: Develop a comprehensive cloud security strategy, including access controls, data encryption, and monitoring.

Explanation: A robust cloud security plan ensures the confidentiality, integrity, and availability of data in cloud environments while mitigating potential risks.

Link: NIST Cloud Computing Security Reference Architecture

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TASK 5

Cloud Computing (Advanced):
Task: Implement multi-layered security measures for cloud infrastructure to prevent unauthorized access and data breaches.
Explanation: Securing cloud environments through encryption, access controls, and monitoring tools helps safeguard data and reduce vulnerabilities.
Link: Cloud Security Best Practices

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TASK 6

Cloud Computing (Advanced):
Task: Design, deploy, and manage scalable and secure cloud architectures for applications and services.
Explanation: Cloud computing enables on-demand access to computing resources, providing scalability, flexibility, and cost efficiency for modern applications.
Link: AWS Well-Architected Framework

TASK 7

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Cloud Computing (Expert):

Task: Design and implement a scalable cloud infrastructure for business applications.

Explanation: Cloud computing involves utilizing cloud platforms to build, deploy, and manage applications with flexible scalability and cost efficiency, allowing businesses to optimize their resources.

Link: Cloud Computing Framework