

Internship Report

BY: YASHWANTH.M.C



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Internship Report – Cloud Computing

RD INFRO TECHNOLOGY

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College : Rajalakshmi Institute of Technology, Chennai

Department : B.E. CSE – Artificial Intelligence and Machine Learning

Internship Duration : June–July 2025

Task Completed : Task 3 – Intermediate Level

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Objective:

To demonstrate the understanding of cloud computing by implementing key services using AWS: EC2, S3, and IAM.

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Tools Used:

- AWS EC2 (Infrastructure as a Service)

- AWS S3 (Object Storage)

- AWS IAM (Access Control)

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Work Completed:

1. \*\*Amazon EC2 Instance\*\*

- Launched a t3.micro instance using Amazon Linux 2023

- Connected via EC2 Instance Connect

- Demonstrated the working of virtual machines on cloud

2. \*\*Amazon S3 Bucket\*\*

- Created a bucket: `my-first-s3-bucket-yashwanth`

- Uploaded a file (`example.txt`)

- Configured bucket policy for public access

- Shared public URL: “https://my-first-s3-bucket-yashwanth.s3.eu-north-1.amazonaws.com/example.txt”

3. \*\*IAM User\*\*

- Created IAM user: `readonly-user`

- Granted ReadOnlyAccess policy

- Demonstrated role-based access control

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Screenshots:

Included in the GitHub repository

GitHub Repository Link:

👉” https://github.com/Yashwahthmc/RD-INFRO-TECHNOLOGY”

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Conclusion:

This task helped me gain practical knowledge in launching cloud infrastructure, securing storage, and managing cloud permissions. I now understand core AWS services and how they contribute to scalable and secure cloud solutions.

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Signature:

YASHWANTH.M.C.