Charotar University Of Science & Technology Faculty Of Technology & Engineering Chandubhai S. Patel Institute Of Technology Smt. Kundanben Dinsha Patel Department Of Information Technology

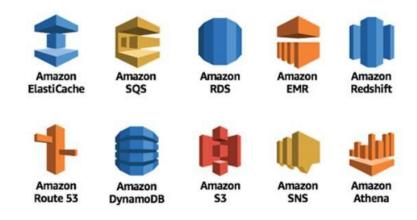
WEEKLY REPORT

Summer Internship 2025

Student Name: _	Dhruv Sukhadiya				Roll No <u>22IT146</u>
Week No:	1	_Duration:	<u>15-05-2025</u>	:	<u>24-05-2025</u>
Company Name: KnC Future Tech					
Project Name: <u>AWS Services</u>					

Summary of Work done in the week:

- Explored Amazon S3 for object storage and bucket operations.
- Learned about **Amazon EC2** for scalable virtual servers.
- Studied AWS Lambda for serverless computing.
- Practiced IAM (Identity and Access Management) for access control and security.
- Explored **AWS Transfer Family** for secure file transfers.
- Explored basic services like **CloudWatch**, **CloudFormation**, and **SNS** to strengthen fundamentals.



Plans for next week:

- Design and develop a RAG (Retrieval-Augmented Generation) based chatbot leveraging different AWS services.
- Work on the deployment of the chatbot to the internet, ensuring scalability, security, and accessibility.

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References:

https://www.geeksforgeeks.org/devops/aws-tutorial/

External Guide

Internal Guide

Mr. Hardeep Rathod

Prof. Madhav Ajwalia