<div align="center">

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 2024

</div>

Student Name: Parmesh Bhatt   Roll No: 21IT009

Week No: 1   Duration: 25/05/2024 : 03/06/2024

Company Name: AWS Cloud Club Charusat

Project Name: Run server on EC2 instance and Learn about NextJs

Summary of Work done the week (Attach supporting Documents):

- Set up a zero-dollar limit budget.
- Installed Apache Web Server on the Linux Instance.
- Opened Security Group for Apache to accept connections on port 80.
- Start learning out ReactJs and NextJs in deep

Plans for next week:
- Configuring S3 bucket for storage purpose
- Configuring Cloudtrail for monitoring activities

References:

[Run web server on ec2](#)

Amit Arora   **Internal Guide**

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 2024

Student Name: Parmesh Bhatt   Roll No: 21IT009

Week No: 2   Duration: 04/06/2024 : 11/06/2024

Company Name: AWS Cloud Club Charusat

Project Name: Configure S3 bucket and policies for storing file

Summary of Work done the week (Attach supporting Documents):

- Created a new S3 bucket and set permissions to private.
- Uploaded files to the S3 bucket.
- Created a CloudFront distribution and integrated it with the S3 bucket.

Plans for next week:
- Configuring DynamoDB for storing data
- Setting up the API Gateway

References:

S3 bucket and CloudFront distributions

Amit Arora   **Internal Guide**

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 2024

Student Name: Parmesh Bhatt   Roll No: 21IT009

Week No: 3   Duration: 12/06/2024 : 19/06/2024

Company Name: AWS Cloud Club Charusat

Project Name: Configuring DynamoDB

Summary of Work done the week (Attach supporting Documents):

- Developed Lambda functions for CRUD operations.
- Set up API Gateway endpoints for CRUD operations.

Plans for next week:
- Creating a knowledge base in AWS Bedrock and linked it with the S3 bucket.
- Building final project

References:

API Gateway and Lambda function

Amit Arora   **Internal Guide**

WEEKLY REPORT
Summer Internship 2024

Student Name: Parmesh Bhatt	Roll No: 21IT009
Week No: 4 Duration: 19/06/2024 : 30/06/2024	
Company Name: AWS Cloud Club Charusat	
Project Name: Final Project – Furniture Rentals	

Summary of Work done the week (Attach supporting Documents):

- Developing final project called Furniture Rentals which provide the furniture on rent between specific dates

Plans for next week:
- Plans to update it and deploy it on AWS using ec2 and configure S3 for storing files and DynamoDB for data.
- Configure lambda function for triggering frontend and backend on user request

References:

Furniture Rentals

Amit Arora   **Internal Guide**