## AWS Cloud Monitoring Task 2 – Internship Report

Organization: CODTECH IT SOLUTIONS PVT. LTD.

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Project Title: SET UP MONITORING FOR A CLOUDBASED APPLICATION USING AWS CLOUDWATCH. CONFIGURED ALERTS AND A DASHBOARD SHOWCASING METRICS.

Internship Duration: May 20, 2025 – July 20, 2025

## Introduction

As part of the internship at Codtech IT Solutions Pvt. Ltd., we were assigned a task focused on AWS Cloud Monitoring. The goal of this task was to set up monitoring for EC2 instances using AWS CloudWatch, configure alarms, and validate resource metrics. This report outlines the steps followed and includes screenshots for each stage of the process.

## **Step-by-Step Execution**

- 1. Navigate to the AWS Management Console and access the CloudWatch service.
- 2. Under the Metrics section, select EC2 metrics and choose relevant instances.
- 3. Create dashboards to monitor metrics like CPUUtilization, DiskReadOps, etc.
- 4. Navigate to the Alarms section and create a new alarm based on specific metrics.
- 5. Set threshold conditions and select appropriate SNS notifications.
- 6. Review and confirm the alarm creation.
- 7. Test the alarm by generating CPU load or waiting for metric breach.
- 8. Observe alarm state changes and notifications.
- 9. Save all CloudWatch dashboard views and alarm states for report documentation.

## **Screenshots**















