

TECHNO INDIA NJR
INSTITUTE OF TECHNOLOGY

NAAC
ACCREDITED

WORKSHOP ON
AWS
CLOUD

APRIL 21, 2023

NJR i3 LAB

SPEAKER:

**MR. ASHUTOSH SINGHAL**
DevOps, Cloud, and Cyber
Security Trainer
REGex Software Services

TRAINING PARTNER:
[REGEX]*

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Event Report

Workshop Title: Introduction to AWS Cloud

Speaker: Mr. Ashutosh Singhal, DevOps Engineer, REGex Software Services

Date: 21st April

Venue: NJR i3 Lab, Techno NJR Knowledge Campus, Udaipur

Social Media URL:

https://www.instagram.com/p/CrcRIXsJ0Pq/?img_index=1&igsh=bG55NX1zZXJ4NXI2

Introduction

On 21st April, a one-day workshop on "AWS Cloud" was conducted by Mr. Ashutosh Singhal, a seasoned DevOps Engineer from REGex Software Services. This workshop aimed

to introduce participants to the fundamentals of AWS Cloud and its wide-ranging services, focusing on practical implementation and use cases relevant to cloud computing and DevOps practices.

Workshop Content

The workshop was designed to provide a mix of theoretical knowledge and practical exposure. The following topics were covered during the session:

- 1. Introduction to Cloud Computing**
 - Fundamentals of cloud computing
 - Overview of cloud service models (IaaS, PaaS, SaaS) and deployment types (Public, Private, Hybrid)
 - 2. AWS Overview**
 - Introduction to AWS and its global infrastructure
 - Core AWS services: Compute (EC2), Storage (S3), and Networking (VPC)
 - Security and Identity Management (IAM)
 - 3. Hands-On Session**
 - Setting up an AWS account
 - Launching and managing EC2 instances
 - Creating and managing S3 buckets
 - Configuring IAM users and roles for secure access
 - 4. AWS Use Cases and Best Practices**
 - Real-world applications of AWS in business and DevOps
 - Cost optimization strategies using AWS
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Speaker's Highlights

Mr. Ashutosh Singhal shared his expertise in AWS and DevOps, providing practical insights into industry practices. Key highlights included:

- Simplifying complex AWS concepts with relatable analogies
 - Hands-on exercises to ensure practical understanding
 - Sharing real-world scenarios to demonstrate AWS capabilities
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Participation and Engagement

The workshop attracted a diverse group of attendees, including students, IT professionals, and enthusiasts keen to explore cloud computing. Engagement highlights included:

- Interactive Q&A sessions
- Step-by-step guidance during the hands-on activities
- Sharing of best practices for AWS adoption

Key Takeaways

Participants left the workshop with:

- A strong foundation in AWS Cloud fundamentals
- Practical experience in setting up and managing AWS services
- Insights into securing AWS environments
- Knowledge of real-world applications and cost management strategies

Feedback

The participants appreciated the workshop for its clarity, interactive nature, and practical approach. They particularly valued the hands-on session, which made the learning experience immersive and effective.

Conclusion

The one-day workshop on AWS Cloud was a great success, providing a comprehensive introduction to AWS Cloud and its applications. It empowered attendees with essential cloud computing skills, paving the way for further exploration in the domain of AWS and DevOps.

Acknowledgment

A special thanks to Mr. Ashutosh Singhal for his engaging and informative session, and to the organizing team for ensuring a well-executed event.



