

Subodh Kumar

Cloud Engineer

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PROFILE

Cloud and DevOps Engineer with knowledge in cloud infrastructure and CI/CD pipelines, skilled in using Docker and Jenkins to automate workflows. Seeking a position to apply my skills and contribute to your organization. Proficient in AWS, with hands-on experience in managing scalable cloud environments and infrastructure automation using Terraform. Passionate about optimizing deployment processes and enhancing system reliability through continuous monitoring and performance tuning.

PERSONAL PROJECTS

VPC Peering

- Successfully implemented VPC peering to enhance network connectivity, enabling seamless communication between disparate cloud environments for improved resource accessibility and operational efficiency.
- Expertly utilized **route tables, internet gateways, and subnets** to architect and optimize VPC peering, ensuring a robust network infrastructure.
- Improved network efficiency and reduced latency through optimized routing configurations and efficient use of AWS networking resources.
- Conducted in-depth analysis and performance monitoring post-implementation, leading to further optimizations and enhanced scalability of the network architecture.

Static Website Hosting Using Amazon S3 and CloudFront

- Hosted a static website using **Amazon S3** to store HTML, CSS, and JavaScript files, ensuring high availability and durability.
- Utilized **Amazon CloudFront** as a content delivery network (CDN) to distribute website content globally with low latency, enhancing user experience.
- Configured **S3 Bucket Policies** and **IAM roles** to ensure secure and controlled public access to hosted content.
- Integrated **SSL/TLS** with CloudFront for secure HTTPS access, ensuring data encryption between users and the website.

Load Balancer Configuration for Web Application

- Implemented Elastic Load Balancer (ELB) to ensure scalability and availability of a web application with an Auto-Scaling Group.
- Configured an **Application Load Balancer (ALB)** in AWS to distribute incoming traffic seamlessly across **multiple EC2 instances**.
- Utilized AWS Management Console to set up **listeners, target groups, and health checks** for efficient traffic management.
- Monitored application performance and traffic patterns to optimize load balancing configurations and enhance overall user experience.

TECHNICAL SKILL

Cloud

AWS

Version Control

GIT

GITHUB

CI/CD Tool

Configuration Management

Ansible

Operating System

Linux

Windows

Containerization

Docker

Iaac Tool

Terraform

Scripting

Shell Scripting

SOFT SKILL

Communication

Problem-Solving

Leadership

Collaboration/Teamwork

Time Management

Decision-Making

CERTIFICATES

AWS Certified Cloud Practitioner

Amazon Web Services

AWS Certified Solution Architect Associate

Amazon Web Services

(Pursuing)

EDUCATION

Bachelor of Engineering (ME)

Ranchi University

HOBBIES

Cloud & DevOps

Reading

LANGUAGES

English

Hindi