

JENISH J

AWS CLOUD ENGINEER

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Professional summary

AWS Cloud Engineer with a clear understanding of how to deploy, configure, and manage cloud infrastructure. Familiar with core concepts such as networking, security, scalability, high availability, and cost control. Gaining practical experience in setting up and maintaining stable and efficient cloud environments.

Education

Bachelor of Engineering: Computer science and Engineering
Coimbatore Institute Of Engineering and Technology
CGPA : 6.67

MAY 2025

High School

Evangeline Matriculation Higher secondary School
Percentage - 74%

APRIL 2021

Technical skills

- Amazon EC2
- Amazon S3
- AWS Lambda
- AWS IAM
- Amazon VPC
- Amazon CloudFront
- AWS CLI
- IAM Policies
- Security Groups
- CloudWatch
- Static Website Hosting
- CloudFront Distributions
- EC2 Launch Templates
- Regions & Availability Zones
- Auto Scaling concepts
- Automation & CI/CD
- AWS CodePipeline (basic)
- AWS CodeDeploy (basic)
- Deployment automation

Other skills

Video editing

- Adobe Premiere Pro

Soft skills

- Team collaboration ➤ Communication ➤ Patience

Programming languages

- C ➤ Java ➤ Python ➤ MySQL

Experience

Fresher

Actively applying foundational AWS knowledge through practical projects and labs, completing over 3 real-world use cases involving compute, storage, and networking. Currently focused on expanding skills in advanced areas such as serverless (Lambda), container management with Amazon EKS, infrastructure automation using Terraform, and securing cloud environments.

- Implemented network segmentation using subnets and route tables, isolating sensitive data within separate network segments and decreasing potential lateral movement by 75% in case of security breaches.
- Analyzed AWS billing and usage reports to configure budget alerts and identify underutilized resources, uncovering potential cost savings of up to 15%.
- Built and reused infrastructure templates in practice projects to simulate Infrastructure as Code (IaC), improving deployment speed and reducing manual setup time by 40%.
- Monitored instance health and activity using basic logging and metrics tools, gaining insight into troubleshooting and performance tracking.
- Completed over 5 guided projects and hands-on labs to strengthen understanding of cloud architecture, security configurations, and deployment workflows.

Projects

AWS CI/CD Pipeline Setup

- Designed and implemented a basic CI/CD pipeline using AWS CodeDeploy, integrating S3 for storage and EC2 instances for deployment automation.
- Automated application deployment to EC2 instances, reducing manual effort and improving release efficiency.

Website Hosting on EC2 with CloudFront

- Deployed a static website on AWS EC2 by configuring instance settings, access rules, and network routes to ensure secure and functional access.
- Integrated Amazon CloudFront as a content delivery layer, improving global content access speed and reducing load times by up to 50%.
- Deployed and updated website content using a mix of manual processes and automation scripts, improving consistency and reducing downtime during changes.
- Applied hands-on skills to configure and manage AWS services related to compute, networking, and content delivery across multiple small-scale projects.

Certifications

NPTEL online certification

- Data mining.

Scaler

- For participating in masterclass: Fundamentals of Docker and Kubernetes

(Preparing for AWS Certified Cloud Practitioner)