

Rishi Majmudar

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Professional Summary

AWS Certified Cloud Engineer with nearly 3 years of experience designing and deploying scalable, highly available infrastructure on AWS. Experienced in Terraform-based infrastructure as code, Amazon EKS deployments, and CI/CD automation for reliable delivery. Focused on secure architecture design, monitoring, cost optimization, and building production-ready cloud systems.

Technical Skills

Cloud & Security: AWS (EC2, VPC, IAM, S3, RDS, Lambda, API Gateway, CloudFront, Route53, WAF, EKS, Auto Scaling, CloudWatch, KMS, Secrets Manager, SQS, SNS, EventBridge, ECR)

Infrastructure & Containers: Terraform (Modules, S3 Backend, DynamoDB), Docker, Kubernetes, Amazon EKS, Helm (basic), HPA, RBAC, ALB Ingress

CI/CD & Automation: GitHub Actions, Pipeline Automation, Bash

Monitoring & Security: CloudWatch, IAM Least Privilege, Encryption (KMS), Cognito

Programming: Python (Boto3, automation scripts), Node.js (Express), REST APIs, JavaScript

Tools: Git, Agile/Scrum, JIRA

Education

Carleton University

Master of Engineering in Software Engineering

Ottawa, Canada

2023 – 2024

Gujarat Technological University

Bachelor of Engineering in Computer Science

Gujarat, India

2019 – 2023

Projects

AI Document Parser (AWS Serverless)

[GitHub](#) / [Demo](#)

- Built event-driven architecture using Lambda, S3, DynamoDB, SQS, SNS, and Cognito; reduced processing time by 60%.

AWS Three-Tier Architecture

[GitHub](#)

- Provisioned multi-AZ VPC, ALB, ASG, and RDS using Terraform; reduced provisioning time by 85% via CI/CD automation.

Microservices Deployment on Amazon EKS

[GitHub](#)

- Deployed Dockerized services on EKS with HPA, RBAC, and IAM-based security controls.

Professional Experience

Cloud Engineer

Stedi

Canada

June 2025 – Present

- Designed and provisioned scalable AWS infrastructure using Terraform across development and production environments.
- Deployed and managed Dockerized microservices on Amazon EKS with secure IRSA and RBAC configurations.
- Configured ALB Ingress and Horizontal Pod Autoscaling to ensure high availability and workload scalability.
- Built end-to-end CI/CD pipelines using GitHub Actions for automated build, test, and zero-downtime deployments.
- Implemented event-driven architectures using Lambda, SQS, and EventBridge for decoupled and resilient systems.
- Enforced cloud security best practices using IAM, KMS encryption, and Secrets Manager for secure access control.
- Established centralized logging and monitoring with CloudWatch to improve operational visibility and incident response.

Cloud Engineer

Capgemini

India

Feb 2022 – Dec 2023

- Provisioned AWS infrastructure using Terraform to support scalable enterprise client applications.
- Deployed containerized workloads to Amazon EKS and managed secure RBAC-based cluster access.
- Automated deployment workflows using GitHub Actions to streamline release cycles.
- Supported serverless workloads using Lambda and SQS to enable event-driven processing.
- Monitored cloud environments using CloudWatch to ensure performance, stability, and availability.

Certifications

AWS Certified Solutions Architect – Associate / [Credential](#)

Certified Kubernetes Administrator (CKA) / [Credential](#)

HashiCorp Terraform – Infrastructure as Code / [Credential](#)