

Rishi Majmudar

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Professional Summary

AWS Certified Cloud Engineer with a Master of Engineering in Software Engineering and hands-on experience designing secure, scalable, and highly available cloud architectures on AWS. Skilled in Infrastructure as Code (Terraform), Amazon EKS, serverless computing, CI/CD automation, and cloud security best practices. Built production-grade three-tier, microservices, and event-driven systems with a strong focus on reliability, performance, and cost optimization. Seeking entry-level AWS Cloud Engineer opportunities in Canada.

Education

Carleton University <i>Master of Engineering in Software Engineering</i>	Ottawa, Canada 2023 – 2025
Gujarat Technological University <i>Bachelor of Engineering in Computer Science</i>	Gujarat, India 2019 – 2023

Projects

AI Document Parser AWS (<i>Bedrock, Lambda, S3, DynamoDB, SQS, SNS, Cognito</i>)	GitHub Demo
– Designed and deployed a fully serverless, event-driven document processing architecture on AWS.	
– Integrated AWS Bedrock with asynchronous Lambda execution and SQS-based decoupling.	
– Implemented IAM least-privilege policies and Cognito authentication for secure access control.	
– Reduced processing time by 60% through parallel execution and optimized event workflows.	
AWS Three-Tier Architecture Terraform, EC2, ASG, ALB, RDS, VPC	GitHub
– Provisioned highly available Multi-AZ infrastructure using Terraform (IaC).	
– Designed secure VPC with public/private subnets, NAT Gateway, and RDS failover.	
– Automated infrastructure deployment using GitHub Actions, reducing provisioning time by 85%.	
Microservices Deployment on Amazon EKS EKS, Docker, HPA, IAM	GitHub
– Containerized applications with Docker and deployed to Amazon EKS with managed node groups.	
– Configured Horizontal Pod Autoscaling (HPA) for dynamic traffic scaling and cost efficiency.	
– Applied IAM roles and Kubernetes RBAC for secure service communication.	

Professional Experience

Cloud & Networking Lecturer <i>KPGU University</i>	Vadodara, India Aug 2023 – Dec 2023
– Delivered AWS cloud and networking lectures to 150+ students covering EC2, S3, and VPC design.	
– Conducted hands-on labs focused on high availability and security best practices.	
– Mentored 50+ students on cloud deployments, improving certification success rate by 25%.	
Full Stack Web Developer Intern <i>Royalsoft Solutions</i>	Vadodara, India Jan 2023 – Apr 2023
– Developed backend APIs using Node.js and Express.js for production web applications.	
– Optimized REST endpoints reducing server response time by 30%.	
– Resolved 20+ production issues ensuring 98% application uptime.	

Technical Skills

Cloud (AWS & Security): EC2, VPC, IAM, S3, RDS, Lambda, API Gateway, CloudFront, Route53, WAF, CloudWatch, Auto Scaling, EKS
Infrastructure & Containers: Terraform (IaC), Docker, Kubernetes, Amazon EKS, HPA, RBAC
CI/CD & Automation: GitHub Actions, Pipeline Automation, Infrastructure Deployment
Programming: Python, Node.js, REST APIs, JavaScript

Certifications

AWS Certified Solutions Architect – Associate Credential
Certified Kubernetes Administrator (CKA) Credential
HashiCorp Terraform – Infrastructure as Code Credential