

# 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

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

## Projects

<b>AI Document Parser</b>   <i>AWS (Bedrock, Lambda, S3, DynamoDB, SQS, SNS, Cognito)</i>	<a href="#">GitHub</a>   <a href="#">Demo</a>
<ul style="list-style-type: none"><li>– Designed and deployed a fully serverless, event-driven document processing architecture on AWS.</li><li>– Integrated AWS Bedrock with asynchronous Lambda execution and SQS-based decoupling.</li><li>– Implemented IAM least-privilege policies and Cognito authentication for secure access control.</li><li>– Reduced processing time by 60% through parallel execution and optimized event workflows.</li></ul>	
<b>AWS Three-Tier Architecture</b>   <i>Terraform, EC2, ASG, ALB, RDS, VPC</i>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>– Provisioned highly available Multi-AZ infrastructure using Terraform (IaC).</li><li>– Designed secure VPC with public/private subnets, NAT Gateway, and RDS failover.</li><li>– Automated infrastructure deployment using GitHub Actions, reducing provisioning time by 85%.</li></ul>	
<b>Microservices Deployment on Amazon EKS</b>   <i>EKS, Docker, HPA, IAM</i>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>– Containerized applications with Docker and deployed to Amazon EKS with managed node groups.</li><li>– Configured Horizontal Pod Autoscaling (HPA) for dynamic traffic scaling and cost efficiency.</li><li>– Applied IAM roles and Kubernetes RBAC for secure service communication.</li></ul>	

## Professional Experience

<b>Cloud &amp; Networking Lecturer</b> <i>KPGU University</i>	Vadodara, India Aug 2023 – Dec 2023
<ul style="list-style-type: none"><li>– Delivered AWS cloud and networking lectures to 150+ students covering EC2, S3, and VPC design.</li><li>– Conducted hands-on labs focused on high availability and security best practices.</li><li>– Mentored 50+ students on cloud deployments, improving certification success rate by 25%.</li></ul>	
<b>Full Stack Web Developer Intern</b> <i>Royalsoft Solutions</i>	Vadodara, India Jan 2023 – Apr 2023
<ul style="list-style-type: none"><li>– Developed backend APIs using Node.js and Express.js for production web applications.</li><li>– Optimized REST endpoints reducing server response time by 30%.</li><li>– Resolved 20+ production issues ensuring 98% application uptime.</li></ul>	

## 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](#)