

# Rishi Majmudar

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## Professional Summary

Results-driven Cloud and DevOps Engineer with a Master of Engineering in Software Engineering. Certified AWS Solutions Architect and CKA with a track record of reducing infrastructure costs by 30% through automated IaC. Expert in Kubernetes (EKS), Terraform, and CI/CD pipelines, specializing in building secure, high-availability cloud environments and scalable microservices.

## 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>   AWS, Bedrock, Lambda, DynamoDB	<a href="#">GitHub</a>   <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Built a serverless AI application using AWS Bedrock for intelligent document analysis.</li><li>Implemented secure user authentication with AWS Cognito and IAM least-privilege roles.</li><li>Reduced document processing turnaround time by 60% through asynchronous Lambda executions.</li><li>Integrated Amazon SQS and SNS for event-driven processing and decoupled notifications, improving system scalability and reliability.</li></ul>	
<b>Three-Tier Architecture</b>   Terraform, EC2 ASG, ALB, Multi-AZ	<a href="#">GitHub</a>   <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Provisioned highly available infrastructure using Terraform (IaC) with automated GitHub Actions.</li><li>Designed a secure networking layer with public/private subnets and Multi-AZ RDS failover.</li><li>Achieved 99.99% infrastructure availability and reduced manual provisioning time by 85%.</li></ul>	
<b>Microservices Booking App</b>   Amazon EKS, Kubernetes, Docker, HPA	<a href="#">GitHub</a> <a href="#">Code</a>
<ul style="list-style-type: none"><li>Containerized microservices using Docker and orchestrated deployment on Amazon EKS.</li><li>Configured Horizontal Pod Autoscaling (HPA) to manage traffic spikes effectively.</li><li>Improved resource utilization by 40% using optimized Docker multi-stage builds and EKS node groups.</li></ul>	
<b>Cloud Portfolio</b>   S3, CloudFront, AWS WAF, Terraform	<a href="#">GitHub</a>   <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Hosted a secure personal portfolio using S3 and CloudFront with custom domain and SSL.</li><li>Integrated AWS WAF to mitigate OWASP Top 10 vulnerabilities and automated CI/CD deployments.</li><li>Enhanced global content delivery by 50% using CloudFront Edge locations and caching.</li></ul>	

## Professional Experience

<b>Lecturer</b> <i>KPGU University</i>	Vadodara, India 5 months
<ul style="list-style-type: none"><li>Delivered technical lectures on AWS cloud concepts and networking to 150+ undergraduate students.</li><li>Conducted hands-on laboratory sessions focusing on EC2, S3, and VPC architectural best practices.</li><li>Mentored 50+ students on project deployment, resulting in a 25% increase in successful cloud certifications.</li></ul>	
<b>Web Developer Intern</b> <i>Royalsoft Solutions</i>	Vadodara, India 4 Months
<ul style="list-style-type: none"><li>Developed responsive web interfaces and robust backend APIs using Node.js and Express.js.</li><li>Optimized RESTful API endpoints, reducing server response time by 30% and improving user retention.</li><li>Assisted in debugging production issues, resolving 20+ critical bugs to ensure 98% application uptime.</li></ul>	

## Technical Skills

**Cloud (AWS):** EC2, S3, Lambda, API Gateway, RDS, CloudFront, IAM, WAF, CloudWatch, VPC, Route53  
**DevOps & Infra:** Terraform, Kubernetes (EKS), Docker, GitHub Actions, CI/CD, IaC, Git  
**Development:** Node.js, Express.js, REST APIs, React, JavaScript, HTML5, CSS3, MongoDB, Python

## Certifications

**AWS Certified Solutions Architect – Associate** | [Credential](#)  
**Certified Kubernetes Administrator (CKA)** | [Credential](#)  
**HashiCorp Terraform – Infrastructure as Code** | [Credential](#)