

RAVI PATEL

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PROFESSIONAL SUMMARY

Innovative Cloud Architect with 7+ years of experience designing, implementing, and securing enterprise-grade cloud solutions on AWS and Azure. Expert in IaC using Terraform, optimizing cloud costs and performance, and leading cloud adoption. Demonstrated proficiency in containerization, CI/CD, and DevOps using Docker, Kubernetes, and Jenkins. Adept at aligning cloud architecture with business goals and regulatory compliance.

CORE COMPETENCIES

- AWS Cloud Architecture
- Azure Cloud Solutions
- Infrastructure as Code (Terraform, CloudFormation)
- CI/CD Pipeline Design (Jenkins, GitHub Actions)
- Docker & Kubernetes Orchestration
- Serverless Computing (AWS Lambda, Azure Functions)
- Microservices Architecture
- Cloud Security & Compliance
- Cost Optimization (FinOps)
- Python & Bash Scripting
- Agile/Scrum Collaboration
- Technical Documentation

PROFESSIONAL EXPERIENCE

Lead Cloud Architect

NextGen IT Solutions | Remote | June 2021 – Present

- Designed scalable AWS and Azure cloud architectures, implementing infrastructure as code with Terraform and CloudFormation to accelerate deployment and enable disaster recovery for enterprise clients.
- Orchestrated CI/CD pipelines using Jenkins for automated integration and delivery; reduced production release cycle times by 45% and improved deployment success rates by 32%.
- Drove migration of workloads to containerized environments with Docker and Kubernetes, introducing microservices and serverless computing, increasing system reliability to 99.99%.
- Developed robust security frameworks and compliance processes across cloud environments, achieving 100% regulatory audit compliance (PCI DSS, SOC2).
- Executed FinOps strategies, monitoring, and optimizing cloud resource allocation to achieve over \$290,000 in annual cost savings.
- Collaborated cross-functionally with software development, DevOps, and business analytics teams to deliver cloud projects on time and within budget.

Cloud Solutions Architect

TechVerse Corp | Remote | May 2017 – May 2021

- Led design and migration of SaaS platforms to AWS and Azure cloud infrastructure for healthcare and fintech clients.
- Developed reusable Terraform modules and automated CI/CD deployment workflows, decreasing resource provisioning times by 70% and boosting team productivity.
- Implemented defense-in-depth security practices and continuous monitoring, safeguarding client data and maintaining 24/7 uptime across critical services.
- Mentored junior engineers in cloud best practices, helped foster adoption of container technologies, and wrote technical documentation for all new solutions.

EDUCATION

Bachelor of Science in Computer Science

University of Illinois – Urbana-Champaign | Graduated 2017

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate

- Microsoft Certified: Azure Solutions Architect Expert

TECHNICAL PROJECTS & ACHIEVEMENTS

- Led a global retail client's hybrid AWS/Azure migration, leveraging Terraform, Docker, and CI/CD to shrink deployment lead time by 55% while increasing resilience.
- Developed serverless analytics pipelines handling millions of records per day using AWS Lambda, Azure Functions, and Kubernetes.
- Initiated and led a comprehensive FinOps strategy for multi-cloud environments, resulting in a documented \$500,000 in waste reduction.

SKILLS & TOOLS

AWS, Azure, Terraform, CloudFormation, Docker, Kubernetes, Jenkins, GitHub Actions, Python, Bash, Serverless, Microservices, Compliance, Disaster Recovery, Cost Optimization

ADDITIONAL DETAILS

- Full-time | Remote/Hybrid (Multiple Locations)
- Compensation: \$120,000 - \$160,000 + benefits