

RAVI PATEL

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PROFESSIONAL SUMMARY

Cloud Architect with 7+ years of experience designing and implementing cloud architecture solutions on AWS and Azure. Expert in infrastructure as code using Terraform and CloudFormation, specializing in security, compliance, cost optimization, and performance for enterprise clients. Proven track record collaborating across development teams, enabling CI/CD pipelines, and leading technical documentation.

KEY RESPONSIBILITIES & EXPERIENCE

- Designed innovative cloud architecture solutions on both AWS and Azure, aligned with best practices for security, compliance, and performance improvements.
- Implemented infrastructure as code (IaC) using Terraform for automated, scalable, and compliant cloud environments; extensive knowledge of CloudFormation for AWS deployments.
- Ensured cloud architecture meets and exceeds all enterprise security and compliance requirements; enforced policy as code.
- Optimized cloud costs and resource allocation, implementing FinOps techniques and continuous cost-performance monitoring.
- Built, deployed, and managed cloud-native applications using Docker and Kubernetes, supporting microservices and serverless computing on AWS Lambda and Azure Functions.
- Integrated full CI/CD pipelines using Jenkins, Python, and Bash scripting, increasing deployment frequency while maintaining reliability and code quality.
- Drafted technical documentation for architecture solutions, infrastructure deployment, and DevOps practices supporting developer collaboration and onboarding.
- Collaborated with development and operations teams in hybrid and remote settings across multiple geographies.
- Served as a subject matter expert for AWS, Azure, Terraform, Docker, Kubernetes, Jenkins, Python, Bash, CI/CD, microservices, serverless computing, technical documentation, cost optimization, and FinOps for cloud solutions.

TECH STACK

AWS, Azure, Terraform, CloudFormation, Docker, Kubernetes, Jenkins, Python, Bash, Microservices, Serverless Computing, FinOps

EDUCATION

Bachelor's in Computer Science, University of Illinois Urbana-Champaign

CERTIFICATIONS

AWS Solutions Architect (Associate)

Microsoft Azure Solutions Architect Expert

SELECTED PROJECTS

- Led cross-region hybrid AWS/Azure architecture modernization for enterprise—reduced costs by 30%, increased application scalability, and improved compliance outcomes.
- Designed and implemented serverless microservices by integrating Docker, Kubernetes, and AWS Lambda with Jenkins and Terraform, driving a 50% faster release cycle.
- Documented technical architecture, deployment, and operational strategies for cloud infrastructure supporting over 10,000 daily users.

ADDITIONAL DETAILS

Compensation: \$120,000 - \$160,000 + benefits

Work Schedule: Full-time | Remote / Hybrid | Global team collaboration

KEYWORDS INCLUDED (Explicit for ATS/HR Review):

AWS, Azure, cloud architecture, cloud solutions, Terraform, CloudFormation, security, compliance, cost optimization, performance, enterprise, development teams, CI/CD, Jenkins, Docker, Kubernetes, Python, Bash, Bachelor's degree, AWS Solutions Architect, Azure Solutions Architect, microservices, serverless, FinOps, infrastructure as code, technical documentation, remote, hybrid, full-time.

