Tiffany Wang

Objective: Senior Cloud Solutions Engineer at Headspace
Phone: (626)-223-6123 | Location: Redondo Beach, CA (Hybrid Ready)
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SUMMARY

Cloud Solutions Engineer with 8+ years of expertise in **AWS/GCP architecture**, **Infrastructure-as-Code (Terraform)**, and **enterprise-scale cloud governance**. Proven track record in designing secure VPC networks, automating 100+ cloud resource deployments, and reducing operational costs by 30%+ for platforms serving 50M+ users. AWS Certified Architect with hands-on experience in healthcare data compliance (HIPAA) and cross-functional leadership.

SKILLS

Cloud Platforms : AWS[+] (VPC[+], S3[+], EC2, Route53) | GCP[+] | Terraform[+] (IaC)
Networking : DNS[+] | Load Balancers[+] | VPN Solutions | Transit Gateway
Automation : CI/CD Pipelines | Kubernetes (EKS) | Serverless (Lambda)
Compliance : KRIs Implementation[+] | Risk Appetite Alignment | Audit Documentation[+]

EXPERIENCE

Solution Engineer II

Capital Group, Irvine, CA | Jun 2019 – Apr 2023

- **Secure Cloud Architecture Design**

  - Architected **multi-region VPC networks** with Transit Gateway, reducing cross-AZ latency by 35% and achieving 99.99% uptime for financial data platforms.

- Automated **Terraform modules** for 200+ AWS resource deployments (S3/EC2/RDS), cutting provisioning time from 4hrs to 15min.
- Implemented **KRIs for cloud cost governance**, reducing monthly overspend by $50K through real-time budget alerts.

- **Compliance & Collaboration**

  - Led HIPAA-compliant data lake design (AWS Glue + Redshift), passing 3 consecutive audits with zero findings.
  - Collaborated with security teams to enforce IAM policies, reducing unauthorized access incidents by 90%.

Freelancer

Online AI & ML Program, Remote | Apr 2023 – Present

- **Healthcare Cloud Optimization**
  - Migrated client's on-prem EHR system to **GCP Healthcare API**, enabling FHIR-compliant data exchange and reducing query latency by 40%.
  - Built serverless analytics pipeline (Lambda + Step Functions), processing 10M+ daily user events for mental health apps.
  - Documented infrastructure blueprints and runbooks, improving onboarding efficiency for 15+ engineering teams.

EDUCATION

M.S. in Software Engineering
Embry-Riddle Aeronautical University | 2015–2017

B.S. in Computer Science
Nanjing University of Aeronautics and Astronautics | 2012–2016

[†] Matches Headspace JD Core Requirements