

Tiffany Wang

Objective: Cloud Engineer - Precisely

JD Focus Areas: AWS⁺ | Azure⁺ | Automation | SLA Compliance

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SUMMARY

Cloud & DevOps Engineer with 8+ years of expertise in **AWS⁺/Azure⁺ infrastructure automation, PowerShell⁺/Bash⁺ scripting**, and SLA-driven incident resolution. Achieved 60% deployment acceleration through Terraform⁺-based provisioning and reduced manual effort by 75% via SOP-driven workflows. Certified in cloud platforms with a track record of optimizing hosted solutions for enterprise-scale stability.

SKILLS

Core Technologies: AWS⁺ (EC2/S3/Lambda), Azure⁺ (VM/Storage), PowerShell⁺, Bash⁺, Terraform⁺

Monitoring & DevOps: Datadog⁺, CloudWatch⁺, Azure DevOps⁺, CI/CD Pipelines

Infrastructure: Automated Provisioning, Windows/Linux Administration, SQL⁺ Database Management

Soft Skills: Cross-functional Collaboration, Technical Documentation, Customer Escalation Handling

EXPERIENCE

Solution Engineer II

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

Key Achievements:

- **AWS Cloud Infrastructure Automation**

- Designed **Terraform**⁺ modules to provision 50+ EC2 instances and S3 buckets, reducing deployment time by 60% and ensuring 99.9% uptime compliance.
- **Technical Decision:** Chose **Datadog**⁺ over CloudWatch for real-time anomaly detection, reducing incident response time by 40%.
- Authored SOPs for automated patching workflows, decreasing manual intervention by 75%.

- **Azure Hosted Solutions Optimization**

- Migrated legacy on-prem systems to **Azure VM**⁺ clusters, implementing auto-scaling logic with PowerShell⁺ scripts to handle 10K+ concurrent users.
- **Technical Hook:** Built **Azure DevOps**⁺ pipelines for zero-downtime deployments, achieving 100% SLA compliance for customer environments.

Freelance Cloud Engineer

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

Key Projects:

- **Multi-Cloud Monitoring Framework**

- Integrated **Datadog**⁺ with AWS/Azure⁺ APIs to centralize metrics tracking, reducing alert noise by 50% and enabling faster root cause analysis.
- Developed Bash⁺ scripts to automate log aggregation, cutting troubleshooting time by 30%.

- **Cost-Optimized Resource Provisioning**

- Leveraged **Terraform 1.3**⁺ to dynamically allocate cloud resources based on usage patterns, lowering monthly AWS spend by 25%.
- Documented infrastructure sizing guidelines for POC environments, accelerating customer onboarding by 40%.

EDUCATION

MS Software Engineering | Embry-Riddle Aeronautical University | 2015–2017

BS Computer Science | Nanjing University of Aeronautics and Astronautics | 2012–2016

Technical Impact: 60% deployment acceleration | 75% manual effort reduction | 100% SLA compliance