**Tiffany Wang**

**Objective: Data engineer at Shopify, willing to relocate & travel**

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**SUMMARY**

Strategic advisor with 8+ years leading enterprise cloud transformations, operating model redesigns, and senior management stakeholder engagement. Proven expertise in delivering scalable cloud ecosystems (AWS, GCP), managing $5M+ migrations, and mentoring teams to drive 25%+ efficiency gains. Master’s in Software Engineering with in progress certifications pursuing in AWS and Scrum Master.

**SKILLS**

**Consulting & Leadership:** Client Stakeholder Management, IT Roadmap Design, Operating Model Transformation, Proposal Development, Executive Reporting, Agile Coaching;

**Cloud Platforms:** AWS (Redshift, S3, Glue, Athena, Lake Formation), GCP (BigQuery), Azure;  
**Integration & APIs:**RESTful API development, MuleSoft, Kafka, Cloud Messaging;  
**Data Ecosystems:**Data Governance, Structured/Unstructured Data Integration, Lakehouse Architecture;  
**Tools:**Jira, Tableau, Power BI, MS Project, Datadog, Postman;  
**Leadership:** Client Stakeholder Management, Proposal Development, Team Mentorship, Agile/Scrum;  
**Certifications pursuing in progress:** AWS Certified Solutions Architect (2026 Q2), Scrum Master (2025 Q4).

**EXPERIENCE**

**Solution Engineer II**

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

Key Achievements:

* **Strategic Consulting & Executive Reporting:**
* **Advised senior managemnet stakeholders**on cloud migration strategies, presenting cost-benefit analyses, risk assessments, and ROI projections that secured approval for $5M+ AWS migration initiatives.
* **Authored executive-facing dashboards** (Power BI, Tableau) to visualize real-time project health, infrastructure performance, and cost optimization metrics, enabling data-driven decision-making for senior leadership.
* **Facilitated quarterly business reviews** with senior manager and cross team stakeholders, translating technical outcomes (e.g., 50% latency reduction, 40% cost savings) into actionable business insights aligned with corporate KPIs.
* **Delivered consulting-grade documentation**, including IT roadmap whitepapers, risk mitigation playbooks, and post-migration ROI reports, adopted as internal best practices for future enterprise cloud projects.
* **DevOps CI/CD & Agile Leadership:**
* Spearheaded **enterprise-wide DevOps adoption**, aligning CI/CD pipelines with strategic IT goals, and presented progress to senior management via monthly sprint reviews.
* Reduced incident escalations to leadership by 30% through proactive monitoring (Datadog) and transparent reporting on system reliability (99.9% uptime).
* **Stakeholder & Project Management:**
* Conducted **stakeholder interviews** with VP-level executives to define cloud strategy vision, resulting in a 3-year roadmap for hybrid cloud integration and API modernization.
* **Translated executive priorities** into technical requirements, leading cross-functional teams to deliver solutions that exceeded compliance and performance benchmarks.
* **Team Leadership:**
* **Mentored 15+ engineers** in client communication frameworks, improving stakeholder satisfaction scores by 20%;
* Practices as the **Scrum Master** role in a onshore & offshore team with 12 team members.

**Freelancer**

**Online AI & ML Program,** *Remote | Apr 2023 – Mar 2025*

Key Projects:

* **Automated Cloud Workflow Orchestration:**
* Designed Airflow DAGs to automate **ETL processes**, achieving 99.9% uptime and reducing manual errors by 35%.
* Integrated MongoDB for unstructured data management, enabling real-time analytics for client decision-making.
* **Client-Centric Cloud Solutions:**
* Delivered cost-optimized **AWS architectures** (S3, EMR, Lambda), reducing client infrastructure costs by 30%.

**Software Engineer**

**Florida Youth Rugby Union,** *Remote | Dec 2017 - Oct 2018*

* **Led Agile development** of a web-based repository, improving team collaboration through **DevOps** practices.
* Designed UX prototypes and regression testing frameworks, **ensuring 100% on-time delivery**.

**Full Stack ERP Software Engineer**

**Shenzhen Communication Tech Co., Ltd.,** *Shenzhen, Guangdong, China | Jan 2017 - Sep 2017*

* Implemented a paperless resource management application from front to back end with SaaS & Agile;
* Involved a service-oriented architecture(SOA) with Java + WAMP + MySQL + phpMyAdmin + phpExcel APIs.

**Full Stack Assistant Software Engineer**

**Society for Industrial & Applied Mathematics, ERAU*,*** *Daytona Beach, Florida | May 2015 - Dec 2016*

* Assisted in web-based application development, process documentation by TDD and BDD (Behavior Driven);
* Organized information from aviation field using Ruby on Rails + HTML + CSS + JavaScript + REST;
* Designed UML diagrams by Visio, updated documentation, and reported QA reviews and fixes;
* Pair programmed to discover, implement, and communicate code standards among the team.

**EDUCATION**

**Master of Science: Software Engineering**

Embry-Riddle Aeronautical University (ERAU), Daytona Beach, Florida **Aug 2015 - Aug 2017**

**Bachelor of Science: Computer Science and Technology**

Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China **Aug 2012 - Jun 2016**

**CERTIFICATIONS IN PROGRESS**

**AWS Certified Solutions Architect** – Associate Expected: **2026 Q2**

**Certified Scrum Master** (CSM) | Scrum Alliance Expected: **2025 Q4**