

Tiffany Wang

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

Phone: (626)-223-6123 | Location: 551 Avenue A, Redondo Beach, CA 90277

LinkedIn: <https://www.linkedin.com/in/tiffanywangengineer/> | Email: tiffany.wang.engineer@gmail.com

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 management 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**