Tiffany Wang

ETL Data Integration Developer | Healthcare Data Specialist
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SUMMARY

8+ years of experience in **ETL development** and healthcare data integration. Proficient in **Informatica PowerCenter†**, **IICS†**, and **SQL†**, delivering **99.9% data accuracy** for mission-critical systems. Certified in HIPAA compliance with a proven track record of optimizing data workflows in **AGILE environments**.

TECHNICAL SKILLS

ETL Tools: Informatica PowerCenter†, IICS†, IDMC†, dbt
Databases: SQL Server†, Snowflake†, Azure Synapse†
Languages: SQL† (Complex Joins/CTEs), Python (Data Validation)
Healthcare Tools: FHIR Data Models, HIPAA†-Compliant Encryption
Collaboration: JIRA†, Confluence, AGILE/Scrum
Certifications: Google Cloud Professional Data Engineer, HIPAA Privacy & Security

PROFESSIONAL EXPERIENCE

Capital Group | ETL Developer

Irvine, CA | 2019–2023

Clinical Data Integration (Informatica PowerCenter†)

- Developed **15+ ETL mappings** to ingest EHR data from 8+ source systems into SQL Server†, reducing data latency by **40%**

- **Technical Choice**: Migrated legacy SSIS workflows to **IICS**[†], improving maintainability score by **65%** via reusable components
- Implemented **row-level security** in mappings to ensure HIPAA[†] compliance for 300K+ patient records

ETL Process Optimization

- Automated **JIRA**[†] ticket creation for failed workflows, reducing incident resolution time from **4h → 45min**
- **Hook**: Designed Python-based data quality checks (Great Expectations), cutting dirty data incidents by **90%**

Online AI & ML Program | Healthcare Data Engineer

Remote | 2023–Present

Real-Time Data Pipeline (IICS[†] + Snowflake[†])

- Built cloud-native ETL workflows processing **2TB/day** of clinical IoT data with **<500ms latency**
- **Impact**: Reduced ICU alert false positives by **30%** through sensor data enrichment

Legacy System Migration

- Migrated 50+ Excel-based reports to **Snowflake**[†] via **IDMC**[†], saving **200h/month** manual effort
- Trained 20+ analysts on self-service SQL[†] queries, increasing data utilization by **150%**

KEY METRICS & IMPACT

- 40% Latency Reduction | 90% Data Quality Improvement | 150% Utilization Growth

[†] **JD-Aligned Keywords**
Informatica PowerCenter/IICS/IDMC | SQL | JIRA | ETL | HIPAA | AGILE