VICTOR OSEI

Principal SQL Developer

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SUMMARY

Principal SQL Developer with 14 years of experience at Snowflake and Netflix, setting SQL architecture standards for petabyte-scale data platforms. Architected a 5 PB Snowflake data lake reducing cloud costs by $3.1M annually, established company-wide SQL governance framework adopted by 300+ engineers, and hold Snowflake SnowPro Advanced Architect and Microsoft Azure Solutions Architect Expert credentials.

EXPERIENCE

May 2018 - Present
San Mateo, CA

Principal SQL Developer

Snowflake

- Define Snowflake SQL architecture standards and best practices adopted by 300+ internal engineers and published as Snowflake official documentation
- Architected multi-cluster Snowflake data platform (5 PB) for Snowflake's internal analytics, achieving $3.1M annual cloud cost reduction through virtual warehouse right-sizing and query result caching strategy
- Led cross-functional initiative to migrate 1,200 legacy SQL Server stored procedures to Snowflake, delivering 18 months ahead of schedule through phased automation framework
- Designed and implemented Snowflake RBAC governance model covering 8,000+ users across 40 business units, achieving SOC 2 Type II compliance
- Mentored 12 senior SQL developers; 4 promoted to staff/principal level under mentorship program

January 2013 - April 2018
Los Gatos, CA

Staff SQL Developer

Netflix

- Designed Hive and Presto SQL layers for Netflix's streaming analytics platform processing 1.2 trillion events/day; reduced query p99 latency by 78%
- Built parameterized SQL framework for A/B test analysis used by 200 product managers; eliminated 30+ ad-hoc data requests per week from data science team
- Led query governance initiative analyzing 4M weekly Hive queries; identified $2.4M in annual cluster waste through idle warehouse detection

August 2010 - December 2012
Redwood City, CA

Senior Database Developer

Oracle Corporation

- Developed PL/SQL performance enhancements for Oracle E-Business Suite R12, reducing concurrent program runtimes by 40% for 200 enterprise clients
- Contributed to Oracle Database 11g performance whitepaper on parallel query optimization

SKILLS

Snowflake SQL (Advanced) | T-SQL / SQL Server Architecture | Presto / Trino SQL | PL/SQL / Oracle Database | dbt (Enterprise) | Data Platform Architecture | SQL Governance & RBAC | Python (PySpark, SQLAlchemy)

EDUCATION

May 2010
Stanford, CA

M.S.

Stanford University

Computer Science • GPA: 3.9