Name: **Priyanka**
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PROFESSIONAL SUMMARY

- PL/SQL Developer with 10+ years of experience specializing in Oracle database programming, data modeling, and performance tuning for large-scale enterprise systems.
- Expert in designing stored procedures, triggers, packages, and functions using Oracle SQL Developer and TOAD to support mission-critical business processes.
- Proficient in query optimization and performance analysis using AWR, TKPROF, SQL Trace, and execution plans to enhance efficiency and resource utilization.
- Strong working knowledge of Unix/Linux shell scripting for automating ETL jobs, log management, and data archival processes.
- Experienced in Git version control for PL/SQL codebase management, ensuring consistency and traceability across multiple environments.
- Skilled in data modeling, relational schema design, and normalization for scalable and maintainable database structures.
- Adept at debugging and refactoring complex SQL queries to remove redundancy, improve performance, and ensure maintainability.
- Proven ability to analyze execution plans, reduce query cost, and eliminate full table scans for high-throughput workloads.
- Hands-on experience in Oracle APEX integration for building custom forms, reports, and dashboards with underlying PL/SQL logic.
- Recognized for driving automation and continuous performance improvements, ensuring stable and efficient systems under tight SLAs.
- Collaborative communicator experienced in coordinating with DBAs, DevOps, QA, and business analysts to deliver end-to-end database solutions.

TECHNICAL SKILLS

Skill Set	Name
Databases	Oracle, Teradata V2R4, DB2, Netezza, TOAD, MS SQL Server, SAP BW, SAP Logon
Programming Languages	C, C++, SQL, PL/SQL, UNIX Shell Scripts, Web services (SOAP/REST)
ETL Tools	SSIS, Data Explorer and Data Quality
Data Modeling Tools	Erwin, Business Objects
Operating Systems	Win XP, UNIX / Korn Shell.
Web Technologies	HTML, XML, JavaScript, and VB Script.
BI Tools	SSRS, Business Objects, Cognos, MicroStrategy
Banner Packages & Rules	Banner-delivered packages, understanding of validation & rule tables, and integration with *GUR, GRA*, GOR*, GLB* tables**
Scheduling Tools	Autosys, Control – M, Tidel

PROFESSIONAL EXPERIENCE

Client: LexisNexis, Atlanta, GA   **Jan 2023 Till Date**
Sr.PL/ SQL Developer

- Built modular Python-based ETL frameworks leveraging OOP principles to improve reusability, maintainability, and reduce overall execution time by 30%.
- Delivered optimized PL/SQL packages and stored procedures that increased query efficiency and reduced processing time by 45% across Banner ERP workflows.
- Performed execution plan and AWR/TKPROF analysis, identifying bottlenecks and tuning queries to reduce CPU usage and logical reads by 30%.
- Developed Unix/Linux shell scripts for automation of data refresh, error logging, and nightly archival jobs, achieving 99% reliability in production cycles.
- Designed and implemented audit trail mechanisms to track DML operations across core transactional tables for data governance.
- Integrated PL/SQL logic with Python and SSIS-based ETL jobs, ensuring end-to-end synchronization between Oracle and external data systems.
- Built CTE and temp table-based logic to eliminate locking issues and enhance concurrency for multi-user batch operations.
- Collaborated with DBAs and DevOps engineers to establish Git-based version control and deployment pipelines, improving release efficiency by 25%.
- Partnered with QA and business teams to validate data transformations, achieving 100% data accuracy and full compliance with business rules.
- Implemented error-handling and exception-logging frameworks within stored packages, increasing stability in production runs.
- Conducted root cause analysis (RCA) and deployed optimized fixes without downtime during active release windows.
- Introduced proactive job health-check scripts to identify slow-running queries, preventing SLA breaches.
- Developed and orchestrated complex SSIS workflows integrating data from APIs, flat files, and databases into staging, ODS, and warehouse layers, ensuring complete data flow for downstream analytics.
- Designed robust data warehousing models including star and snowflake schemas, fact/dimension tables, and surrogate key mappings to optimize query performance.
- Built DBMS_SCHEDULER jobs for nightly automation of data refresh, archival cleanup, and audit log maintenance.
- Introduced temporary tables and CTE-based logic to reduce locking and improve scalability in concurrent environments.
- Designed and implemented audit trail frameworks to capture all DML activity across Banner-like transactional tables, ensuring accountability and compliance.
- Developed Oracle APEX-based applications for user data access, parameterized queries, and reporting dashboards integrated with Banner backend schemas.
- Partnered with QA and business teams to validate ETL and PL/SQL transformations, ensuring data accuracy, completeness, and adherence to business rules.
- Coordinated with DBAs to manage indexing strategies, statistics collection, and schema performance baselines, ensuring optimal system health.
- Delivered data storytelling insights via PL/SQL-driven reports and Power BI dashboards to demonstrate operational KPIs, data accuracy, and SLA adherence.
- Mentored junior developers on PL/SQL standards, execution-plan analysis, and Banner integration concepts to promote consistent development practices.
- Recognized for improving overall system performance by 45%, stabilizing nightly batch jobs, and modernizing Banner data flows to align with enterprise integration standards.

Environment: SSIS, SSRS, SSAS, SQL Server 2014/2019, Snowflake, GCP, C#, JavaScript, AUTOSYS, Control-M, Data Pipeline, T-SQL, API, Power Exchange, JSON, ANSI SQL, Python, Teradata, Power BI, Oracle, DDL, Linux, SQL Server, UNIX

Client: T-Mobile, Seattle, WA Remote   **Sep 2019- Dec 2022**
Sr. PL/SQL Developer

Responsibilities: -

- Developed Python-based ETL scripts using Pandas and NumPy for large-scale data processing.
- Built Hive-based ETL pipelines for batch processing in Hadoop ecosystem.
- Wrote and optimized complex SQL queries, views, stored procedures, and functions across Oracle, AWS Redshift, Netezza, and SQL Server.
- Implemented Slowly Changing Dimensions (Type 1, 2, and 3) in ETL workflows for accurate historical tracking.
- Designed and maintained CI/CD pipelines for PostgreSQL, .NET, and Java applications using Jenkins and GitHub Actions.
- Automated deployment of ETL workflows, database procedures, and API integrations through version-controlled pipelines.
- Developed Java-based automation utilities for data migration, reporting, and file handling; wrote unit tests with JUnit/TestNG.
- Enforced data security, authentication, and input validation in ETL and Java workflows.
- Troubleshot application deployment, connectivity, and performance issues across Linux and Windows environments.
- Performed WebLogic administration: patching, upgrades, SSL configuration, keystore management, and access control.
- Designed and implemented Unix shell scripts and cron jobs for ETL automation, report scheduling, and data synchronization.
- Migrated ETL pipelines from Hadoop/Hive to GCP BigQuery and Snowflake; integrated Spark with Hive Metastore and BigQuery for hybrid analytics.
- Developed SparkSQL queries for high-volume batch and streaming data transformations.
- Configured API authentication using OAuth, API keys, and JWT for secure data transfer.
- Developed and maintained ETL pipelines using C# for data extraction, transformation, and loading.
- Built reusable ETL components and modular frameworks in Python and JavaScript to streamline ODS and data warehouse integration.
- Managed PostgreSQL roles, permissions, and security policies; created materialized views for optimized reporting.
- Designed and developed OLAP cubes and Tabular models in SSAS for multidimensional analysis; implemented data partitions and aggregations for performance.
- Created dynamic, parameterized SSIS packages with configuration files and expressions for environment flexibility.
- Integrated REST and SOAP APIs to extract and normalize structured and unstructured data.
- Scheduled, monitored, and managed SSIS packages using SQL Server Agent and optimized long-running SSRS reports.
- Migrated legacy Crystal Reports and Excel reports to SSRS; implemented role-based and row-level security.
- Extracted data from heterogeneous sources into centralized repositories using AWS DMS, S3, and AWS CLI; configured SNS notifications for pipeline monitoring.
- Managed schema and table access in Amazon Redshift and implemented performance tuning strategies.
- Collaborated with cross-functional teams to integrate database logic, APIs, and BI dashboards, ensuring data accuracy and reliability.
- Documented ETL workflows, data mappings, replication architecture, and recovery procedures for production support.
- Implemented Control-M scheduling for automated ETL and reporting jobs; resolved agent, server, and client communication issues.

Environment: SSIS, SSRS, SSAS, GCP, Snowflake, BigQuery, C#, JavaScript, Teradata, Amazon Redshift, DMS, Data Quality, Control-M, Data Pipeline, T-SQL, .NET, Spark, API, Power Exchange, Hadoop, JSON, ANSI SQL, Python, Netezza, Power BI, Oracle, DDL, Linux, DML, SQL Server, UNIX, AUTOSYS

Client: M&T Bank, Buffalo, NY   **Nov 2018 – Aug 2019**
Sr. SQL Developer

Responsibilities:
- Responsible for Requirement Gathering Analysis and End User Meetings.
- Designed, developed, and maintained ETL pipelines using SSIS, Python, and Linux-based tools for batch and real-time data processing, handling heterogeneous sources including Oracle, SQL Server, Sybase, and flat files.
- Implemented dimensional data models, created SSAS cubes with multiple perspectives, aggregations, proactive caching, and role-based security, and built SSRS and Power BI reports for interactive business analytics.
- Migrated on-premises databases to PostgreSQL on AWS RDS, created partitioned tables, and automated replica provisioning, node synchronization, and scheduled maintenance using Shell, Python, and pg_cron.
- Developed reusable C# and Python utilities, RESTful APIs, and WCF services for full-stack ETL solutions, integrating with stored procedures, functions, and third-party API data.
- Tuned ETL pipelines and SQL queries for high-volume and high-frequency data loads, optimized SSIS data flow buffers, bulk inserts, and legacy .NET code for performance improvements.
- Created automated data validation, error-handling, and logging mechanisms using SQL, Python, JavaScript, and C# to ensure data quality and consistency across environments.
- Managed production support for databases, ETL workflows, SSIS/SSRS/SSAS environments, and Control-M scheduling, including troubleshooting, issue resolution, and performance monitoring.
- Developed test plans, test matrices, and performed front-end/back-end feed testing for ETL jobs, SSRS reports, and ODS loads, ensuring data integrity and compliance with HIPAA standards.
- Streamlined real-time and batch API data ingestion, implementing connection pooling, caching mechanisms, and transformation rules for JSON/XML data integration into SQL Server and PostgreSQL.
- Mentored developers, performed code reviews, and collaborated with data architects to define data models, integration requirements, and scalable ETL solutions supporting business reporting and analytics.
- Designed and implemented Slowly Changing Dimensions (Type 1, 2, 3) in ETL workflows to maintain historical data accuracy in the data warehouse.
- Created T-SQL procedures and scripts for staging, cycle date generation, index management, and schema change handling during ETL processes.
- Built interactive dashboards and Excel pivot reports connected to SSAS cubes, enabling business users to perform self-service data analysis.
- Configured and maintained hybrid cloud PostgreSQL clusters, performing BDR setup, conflict resolution testing, and performance tuning for distributed data environments.

Environment: SSIS, SSRS, SSAS, C#, Sybase, Oracle, T-SQL, Control-M, DDL, ANSI SQL, DML, Linux, C#, SQL Server, JavaScript, .NET, JSON, UNIX, Power BI, AUTOSYS, API, TDM, IMDC, Python, Power Exchange, Hadoop, Data Quality, Windows.

Client: Right Key Solutions, Hyderabad, India   **May 2014 – Oct 2017**
Sr. SQL Developer

Responsibilities:

- Interacted with healthcare business users, data analysts, and team leads to understand business requirements, define data integration strategies, and identify source systems such as claims, member, and provider databases for ETL design.
- Analyzed functional and technical specifications, claims repositories, and source-to-target mappings to develop efficient ETL processes supporting eligibility, adjudication, and provider data workflows.
- Worked extensively on complex mappings using expressions, aggregators, filters, lookup, joiner, and update strategy transformations in SSIS and Informatica to cleanse and transform large healthcare datasets.
- Created data profiling and quality assessment packages in SSIS using Data Profiling Tasks to identify missing or invalid healthcare records before loading them into the enterprise data warehouse.

- Integrated JavaScript functions within ETL workflows to perform real-time data enrichment and dynamic validation for healthcare data received from external APIs and partner systems.
- Debugged and resolved ETL workflow failures related to API timeouts, data format mismatches, and schema changes from claim and member eligibility sources.
- Developed and parameterized mappings and session variables to dynamically load healthcare data from multiple lines of business (Medicaid, Medicare, Commercial) into staging and ODS layers.
- Designed and implemented dynamic role-based security models in SSAS using MDX scripts to ensure controlled access to sensitive PHI data in compliance with HIPAA regulations.
- Performed cross-server integrations via Linked Servers in SSIS workflows to exchange data between claim processing systems, member management applications, and analytics databases.
- Developed complex stored procedures, views, and triggers in SQL Server to automate claims validation, provider matching, and audit trail creation supporting enterprise-level .NET healthcare applications.
- Created alerting mechanisms and monitoring scripts to notify teams on data load failures, delayed Control-M jobs, and data discrepancies within healthcare ETL processes.
- Optimized ETL mappings and SQL queries by applying indexing, caching, and partitioning strategies, significantly improving performance and reducing nightly batch load times across large healthcare datasets.
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Environment: SSIS, SSRS, SSAS, Oracle, ANSI SQL, .NET, SQL Server, Data Quality, DDL, DML, Toad, PL/SQL, C#, Control-M, API, Linux, JavaScript, Erwin and Windows.

Educational Qualification:
- **B.Tech in Computer Science**, Jawaharlal Nehru Technological University (JNTU) Kakinada, India – 2014
- **M.S. in Computer Science,** University of Connecticut, CT – 2018