VIJAY A

PL/SQL Developer | Senior Systems Engineer | ETL & Data Migration | Performance Tuning | DBA
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Experienced PL/SQL Developer with over 3.8 years of experience in database development, query optimization, ETL automation and data migrations. Known for delivering high-performance, scalable solutions.

CORE COMPETENCIES

- **Development:** PL/SQL, SQL, Stored Procedures, Triggers, Dynamic SQL, Materialized Views, Views.
- **Optimization & Tuning:** Query Tuning, Explain Plan Analysis, Performance Optimization, Data Indexing.
- **Data Migration & Automation:** ETL, SQL*Loader, Mass Upload, Cronjob, DBMS_JOB, Mail Alerts.
- **Scripting & DBA Operations:** Unix Shell Scripting, SFTP, Session & Privilege Management, Backup & Restore.
- **Tools & Delivery:** Git, JIRA, Agile, Requirement Gathering, Deployment Management, Documentation.

PROFESSIONAL EXPERIENCE

Infosys Limited | Senior Systems Engineer (Lead Database Developer & DBA)   **Dec 2022 – Present**

- **Architected scalable database solutions** managing **20M+ contracts** with advanced ETL pipelines, purge processes and real-time data updates across multiple applications.
- **Executed high-volume data migrations (>20TB)** using **SQL*Loader, SFTP and scheduling**, achieving seamless, downtime-free migrations to production systems.
- **Enhanced complex PL/SQL packages, procedures, and queries**, boosting data-intensive process performance by up to **70%** via advanced query tuning and indexing strategies.
- **Automated critical database operations** including data refresh jobs, batch processing and multi-tier job scheduling using **DBMS_JOB and Cronjobs**, reducing manual effort by **90%**.
- **Led release planning with development, infra, and deployment teams** successfully delivering 12+ critical system upgrades and performance enhancements with zero post-deployment issues.

Infosys Limited | Systems Engineer (Database Developer)   **Dec 2021 – Dec 2022**

- **Created and optimized PL/SQL procedures, triggers, and views** reducing process cycle time by 50% and automating high-volume business workflows.
- **Performed essential SQL query tuning and optimization** for business-critical reports, improving application response times and data retrieval efficiency by **40-50%**.
- **Actively supported onshore DBAs in resolving production tickets** by coordinating data uploads, performing schema validations and assisting with environment readiness to ensure swift and stable issue resolution.
- **Conducted end-to-end testing** of PL/SQL procedures, data transformation logic, and integrated workflows by validating API inputs and ensuring seamless data flow and system reliability.
- **Collaborated with business and application teams on 8+ projects** to capture requirements, design scalable data models and manage production deployments with zero major incidents.

KEY PROJECTS

Verizon – 5G Contract Management System   **Feb 2022 – Present**

- **Engineered scalable database solutions** handling **20M+ contracts** with real-time updates, integrating complex ETL pipelines and job scheduling for operational efficiency.
- **Delivered seamless migration of 20TB legacy data** via SQL*Loader and SFTP automation improving processing **speed by 80%** with optimized pipelines and schema redesign.
- **Led cross-team coordination for a high-availability system implementation** achieving seamless deployment of 20M+ records with zero downtime and 80% faster data processing.

CERTIFICATIONS

PL/SQL Associate	Infosys	Cloud Beginner	Infosys
PL/SQL Technical Consultant	Infosys	Database and SQL professional	Infosys

EDUCATION

Bachelor of Engineering (Mechanical Engineering) | CGPA: 7.6   **May 2020**