Elena Petrova

PL/SQL Developer

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SUMMARY

PL/SQL developer with 6 years of experience writing Oracle PL/SQL packages, triggers and ETL jobs for a freight railroad and a health insurer. Works in Toad on Unix, handles data modeling for new features and performance tuning for batch jobs that move 20 million rows a night, and maintains Oracle Forms screens for operations staff.

EDUCATION

Bachelor of Science 05/2020

University of North Florida Jacksonville, FL

Information Systems

EXPERIENCE

PL/SQL Developer 02/2023 - Present

First Coast Rail Logistics Jacksonville, FL

Freight railroad operating 4,200 miles of track in the Southeast.

- Write and maintain **300+** Oracle PL/SQL packages for railcar tracking, freight billing and crew scheduling.
- Build ETL jobs in PL/SQL that load 20 million car movement rows a night into the reporting schema.
- Tune bulk collect and partitioned queries with Toad and explain plans, cutting the billing batch from 6 hours to 2.
- Design tables and constraints for a new demurrage module through data modeling reviews with 2 business analysts.

Oracle Developer 06/2020 - 01/2023

Riverside Health Plan Jacksonville, FL

Health insurer with 300,000 members in Florida and Georgia.

- Developed PL/SQL triggers and packages that enforce 140 eligibility and claims business rules in the Oracle database.
- Updated 20 Oracle Forms screens used every day by 150 enrollment and claims processors.
- Wrote Unix shell scripts to schedule and monitor nightly PL/SQL jobs, alerting staff on any failure.
- Analyzed claims data with Oracle SQL for internal audits, answering 30 data requests a quarter on time.

SKILLS

PL/SQL • **Oracle SQL** • **Oracle Database** • **Toad** • **Unix** • **Triggers** • **Oracle Forms** • **ETL** **Data Modeling** • **Performance Tuning**

CERTIFICATES

Oracle Database SQL Certified Associate

Oracle

2021