SHASHANK SONY

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PROFESSIONAL SUMMARY

SQL & Backend Engineer with 2+ years of expertise in query optimization, ETL pipelines, and data warehousing. Proven success in Oracle, PostgreSQL, MS SQL Server, SSIS, PySpark, and FastAPI across financial and ERP systems.

WORK EXPERIENCE

SQL Developer - Assistant Manager | AYE FINANCE, Gurugram | Nov 2025 - Present
- Designed financial data warehouses using Oracle and PostgreSQL supporting enterprise reporting for 50+ stakeholders
- Built ETL pipelines with PySpark processing 1M+ records daily, reducing data processing time by 35%
- Developed 100+ stored procedures, functions, and triggers ensuring 99.5% data accuracy
- Optimized queries using indexing and partitioning, achieving 45% reduction in response time
- Created analytical views and CTEs enabling real-time decision-making for executives

SQL Developer | PLUS DISTRIBUTION PVT LTD, Gurugram | Mar 2024 - Oct 2025
- Optimized SQL queries reducing execution time by 30% on 3M+ record databases
- Designed normalized ERP & HRMS schemas supporting Sales, Purchase, Ledger, and Attendance modules
- Automated attendance tracking with triggers and CTEs for real-time HR analytics
- Built 25+ dashboards using views, window functions, and advanced SQL aggregations
- Developed ETL pipelines using SSIS ensuring seamless data integration

EDUCATION

Master of Computer Applications (MCA) - Pursuing | IGNOU | Jul 2025 - May 2027
Bachelor of Computer Applications (BCA) | BRABU University | Apr 2019 - May 2023

TECHNICAL SKILLS

Databases: MS SQL Server, PostgreSQL, MySQL, Oracle, MongoDB
SQL Expertise: Joins, Subqueries, Stored Procedures, Functions, Triggers, CTEs, Window Functions, Indexing, Partitioning, Query Optimization, Execution Plan
ETL & Data Engineering: SSIS, DataBricks, PySpark (RDD, DataFrame, Spark SQL), Pandas, Data Warehousing
Programming: Python (OOP, Data Structures, Pandas, PySpark), SQL (DDL, DML, DCL, TCL)
Backend Development: FastAPI (CRUD APIs, JWT Auth, Async APIs, Pydantic, SQLAlchemy)
Tools: SSMS, PgAdmin ,DBeaver, MySQL Workbench, DataBricks, VS Code, PyCharm, Git, GitHub, Power BI, SQL Server Profiler

KEY PROJECTS

Enterprise ERP Database System: Designed normalized ERP database with 50+ tables supporting Sales, Purchase, Ledger, and Inventory. Implemented stored procedures, triggers, and role-based access control.
FastAPI Web Application: Developed backend with JWT authentication, async RESTful APIs, SQL/MongoDB integration, logging, and Pydantic validation.

CERTIFICATIONS & ADDITIONAL

Certifications: Python Fundamentals (Great Learning), SQL for Data Analytics (Udemy)
Languages: Hindi (Native), English (Fluent)