

# SHASHANK SONY

New Delhi | +91-7903028513 | shashanksony82@gmail.com | [linkedin.com/in/shashanksony](https://www.linkedin.com/in/shashanksony) | <https://shashanksony.github.io/port-Folio/>

## 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)