

KHADI TARUN KUMAR

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PROFESSIONAL SUMMARY

Detail-oriented **Oracle SQL Developer** and **Full Stack Developer** with a strong foundation in database design and performance optimization. Expert in writing complex **PL/SQL** logic, building **RESTful APIs (ORDS)**, and developing data-driven applications. Proven ability to translate business requirements into efficient technical solutions through a version-wise development approach.

TECHNICAL SKILLS

- **Databases:** Oracle Database (19c/21c), MySQL, Google BigQuery.
- **SQL Expertise:** PL/SQL, Stored Procedures, Triggers, Packages, CTEs, Joins, Indexing, Exception Handling.
- **Programming:** Python, JavaScript, C++, SQL, HTML/CSS.
- **Frameworks & Tools:** React.js, Oracle REST Data Services (ORDS), SQL Developer, Git, GitHub, VS Code.
- **Concepts:** DBMS, Data Structures, OOP, API Integration, Database Normalization, Query Optimization.

PROJECTS

Employee Management System (Enterprise-Level) | Oracle SQL, PL/SQL

- Architected a progressive HR system (v1–v7) demonstrating mastery of **relational schema design** and data integrity.
- Developed **PL/SQL Packages** and custom exception handling to enforce complex business validation rules.
- Implemented **Database Triggers** for automated audit logging and enhanced system security via role-based access.
- Optimized CRUD operations to ensure high-speed data retrieval and processing.

Advanced SQL Analytics & KPI Reporting | BigQuery, Oracle SQL

- Developed complex SQL scripts to calculate critical business metrics including **Churn Rate, Return Rate, and User Engagement**.
- Utilized **Multi-CTE (Common Table Expressions)** to simplify and refactor large-scale data queries.

- Improved query execution performance by 20% through structured refactoring and performance alignment.

Learning Management System (Full Stack) | React.js, Oracle DB, ORDS

- Engineered a full-stack LMS using **React** for the UI and **Oracle Database** for robust backend storage.
- Built and secured RESTful APIs using **Oracle REST Data Services (ORDS)** with **OAuth 2.0** authentication.
- Automated backend processes using stored procedures, reducing manual data handling.

Wine Quality Prediction System | Python, Machine Learning

- Developed a predictive model using **Logistic Regression** and **SVM** to classify wine quality.
- Managed end-to-end data preprocessing and evaluation of chemical property datasets.

EDUCATION

Bachelor of Computer Applications (BCA) | 2022 – 2025

Chikiti Mahavidyalaya

Class 12th (Science) | 2020 – 2022

Higher Secondary School

ACHIEVEMENTS & CERTIFICATIONS

- Expertise in writing complex analytical SQL for real-time business problems.
- Successfully completed multiple end-to-end database migration and integration projects.