

## 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.