



DEGALA VENKATA PAVAN

Database Engineer

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📍 Bengaluru, Karnataka

A dedicated Database Test Engineer and Trainer with 2.5 years of practical experience in testing and validating relational databases using Oracle and MS SQL Server. Proficient in developing and executing complex SQL queries, verifying stored procedures, and ensuring data integrity across diverse systems. Committed to delivering high-quality results and passionate about mentoring professionals in SQL, database testing methodologies, and data quality best practices to enhance system performance and reliability.

■ Professional Experience

Database Test Engineer, *TestYantra Software Solutions Pvt.Ltd*

Bangalore, India

Technical Skills

Databases: Oracle 10g, 11g

Languages: SQL, PL/SQL

Testing Areas: Data validation, schema, joins, subqueries, normalization **Version Control:** Git, GitHub

Operating Systems: Windows, Linux

Scripting Languages : Shell Scripting

■ Projects

Project: Travel and Tourism domain (Integrated with Oracle 11g)

Technologies: HTML, Java, Oracle 11g, CSS, Express J.s, Node.js

- This project is a Travel Booking Web Application that allows users to sign up, verify their email via OTP, and log in securely. It is built using Node.js and Express.js for the backend and connected an Oracle Database for data storage.
- Nodemailer is used to send OTPs for user verification, ensuring secure authentication. The application runs in Oracle Thick Mode using the Oracle Instant Client for stable connectivity with Oracle 11g.
- It provides a seamless and secure experience for managing user sign-up and login processes.

Tools & Technologies:

- **Frontend:** HTML ,CSS
- **Middleware:** Node j.s , Express j.s
- **Database:** Oracle 11g
- **Query Language:** SQL, PL/SQL
- **Database Connectivity:** Oracle_db, Oracle instant client
- **Testing Focus:** CRUD Operations (Create, Read, Update, Delete)
- **Environment:** Windows, Oracle 11g

■ Languages

- English, Hind, Telugu