# VIRAJ VILAS TANDEL

VirajTandel/MyWebsite

+91 8108087803 | virajtan60@gmail.com | linkedin.com/in/viraj-tandel-119390193/

## TECHNICAL SKILLS

**Programming Languages**: SQL, Python, JavaScript, HTML, CSS, Java
**Databases & Data Tools:** SQL Server, MySQL, MongoDB, PostgreSQL
**Monitoring, Reporting & BI Tools:** SSRS, Power BI, Qlik Sense, Dynatrace, Grafana
**Tools & Technologies**: Git, GitHub, Jenkins, Docker, AWS Cloud Formation, Jira, Postman
**Software Engineering Practices:** Code and Query Optimization, Database Design & Development, Dimensional Data Modelling (Star/Snowflake Schema), ETL Process Design, Business Intelligence Reporting, Data Warehousing Concepts, Data Validation & Integrity, Performance Tuning, Agile Methodology, Debugging, Unit & System Testing, Report Automation, Client-Specific Report Customization

## PROFESSIONAL EXPERIENCE

**DHL** *Mumbai, India*
**Expert- Business Intelligence & Database Developer** *August 2024 - Current*
- Conducted in-depth performance analysis to identify SQL and database-level bottlenecks, optimizing queries and objects to achieve a **15% improvement in execution time** and overall reporting efficiency
- Engineered scalable **database solutions from ER diagrams**, leveraging advanced SQL to **automate report** generation and ensure alignment with evolving stakeholder requirements
- Developed and delivered precise, client-specific reports using **SSRS** and **Power BI** paginated reports, resulting in a **40% reduction in enhancement requests** and improved stakeholder confidence
- Designed and deployed **15+ interactive dashboards in Power BI and Qlik Sense**, enhancing real-time data visibility and **reducing ad hoc reporting requests by 50%** across business units

**TATA CONSULTANCY SERVICES** *Mumbai, India*
**Software Engineer – Data & Reporting Systems** *June 2021 - May 2024*
- **Designed scalable dimensional data models** (Star/Snowflake) to support high-performance reporting, aligning technical solutions with evolving business requirements.
- **Developed scalable database systems** by building optimized **stored procedures, user-defined functions, triggers, and complex views**, improving code reusability and reducing redundancy across reporting layers.
- Improved query **speed by 45%** via SQL Server/PostgreSQL tuning, boosting system performance
- **Automated SSRS report** delivery with **Jenkins** and **Docker, improving efficiency by 60%**, and leveraged **Dynatrace** for accelerated debugging, **reducing issue resolution time by 20%**
- Enabled proactive monitoring with Dynatrace/ Grafana, **reducing incidents by 55% and alerts by 35%**

## PROJECTS

**Sales Analytics Dashboard – Power BI / SQL Server**
Built an interactive Power BI dashboard on a retail sales dataset, showcasing KPIs like revenue, profit margin, and regional performance. Used DAX for dynamic calculations and SQL Server for data modelling.
**Customer Churn ETL Pipeline – Python + SQL + PostgreSQL**
Built an ETL pipeline to extract telecom churn data from a public source, transform it using Python, and load into PostgreSQL. Designed Power BI dashboards to visualize churn trends, customer segments, and key performance metrics.
**Website for Shalimar Hotel/ Restaurant, NGO**- Aaroha Giving Wings Association Using web development technologies created a responsive landing page for restaurant, NGO

## CERTIFICATES

- Microsoft Power BI Data Analyst Specialization (2024-25)
- Google Cloud (2024)
- Specialization Certificate: Google Project Management (09/2022 - 02/2023)
- Html, CSS, and JavaScript for Web Developers (06/2022 - 07/2022)

## ACHIEVEMENTS

**Conference Paper published (08/2020 - 05/2021)**
Performance Comparison of Various controllers on Semi-Active Vehicle Suspension System.
https://www.itm-conferences.org/articles

## EDUCATION

Bachelor of Engineering **(2017-2021)**
DY Patil's, RAIT (**CGPA- 8.93**)