

CONTACT



+91 77109 01670



dhavaljoshi.dev@gmail.com



<https://www.linkedin.com/in/dhaval-joshi-a8521897>

CORE COMPETENCIES

- Data Engineering
- Data Pipeline Development
- Data Ingestion & Transformation
- Data Quality & Validation
- Data Modelling
- Backend Engineering
- Database Architecture
- Business Intelligence & Analytics
- Dashboard Development
- Requirements Analysis
- Solution Design
- Stakeholder Management

TECHNICAL SKILLS

Data Engineering & Programming:

C#, Python, Pandas, NumPy, Parquet, LINQ, PySpark, Snowflake

Backend & Application Development:

ASP.NET, ASP.NET MVC, ASP.NET Web API, ADO.NET, Entity Framework, REST APIs, Web Services, React

Databases & Data Management:

Microsoft SQL Server, MySQL, T-SQL

Analytics & Business Intelligence:

Power BI, DAX, Power Query, Excel

Cloud, Infrastructure & DevOps:

AWS EC2, S3, Linux, Nginx, Cloudflare, SSL/TLS, Git, GitHub

DHAVAL JOSHI

DATA ENGINEER | PYTHON | SQL | ANALYTICS | CLOUD

An enterprising professional aiming to contribute towards **Data Engineering** roles leveraging expertise in data pipelines, Python, SQL, analytics and backend engineering to build reliable, scalable, business-focused data solutions in a growth-oriented organization

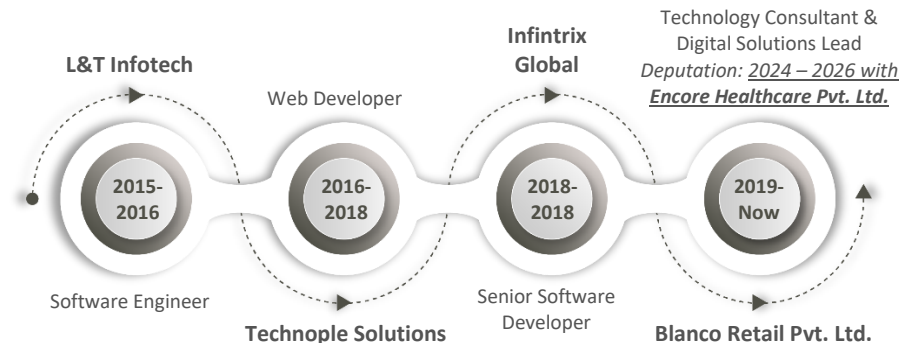


PROFILE SUMMARY

- Amassed **11+ years** of technology experience spanning **data pipelines, backend engineering, database architecture, analytics, and cloud infrastructure**.
- Expertise across the **data lifecycle** from requirements and data collection through ingestion, validation, transformation, modelling, reporting and visualization.
- Microsoft technology foundation** with data engineering capabilities, enabling design of applications, APIs, relational data models and production-grade data workflows.
- Demonstrated ability to translate complex operational requirements into **scalable technology and analytics solutions**, including production planning, capacity analysis, demand-versus-output analysis and automated management reporting.
- Strong **stakeholder and solution ownership**, having worked directly with CEOs, directors, clients and operational teams to assess requirements, evaluate technical feasibility, estimate effort and translate business needs into implementable solutions.
- Full-stack technology perspective**, spanning backend, databases, data, frontend, AWS infrastructure, production operations, allowing to understanding dependencies across the complete solution lifecycle and collaborating with diverse technical teams.



CAREER TIMELINE



WORK EXPERIENCE

Blanco Retail Pvt. Ltd., Mumbai

Jan'2019 – Present | Technology Consultant & Digital Solutions Lead

- Spearheading the complete **technology ecosystem**, covering application development, database architecture, AWS infrastructure, Cloudflare, security, backup/recovery, Git workflows, and production support.
- Driving **e-commerce platform** evolution across payment processing, order/fulfilment workflows, invoice generation, business reporting, and marketplace connectivity.
- Connecting external platforms including **payment gateways, Delhivery, and Amazon Marketplace**, managing authentication, exception handling, and order reconciliation.
- Consolidating **customer, sales, website, and marketing data** into reporting views and generating recurring leadership insights.
- Evaluating **product preferences, geographic trends, demographics** to identify high-potential segments, friction points, campaign opportunities, and spend optimization.
- Experimenting with **A/B testing** across website and campaign changes to assess engagement, conversion, and marketing ROI; validating **headless architecture** through a React frontend prototype integrated with the existing commerce backend.
- Administering production infrastructure across **AWS EC2/S3, Nginx, Cloudflare, and SSL/TLS**, while maintaining backup/recovery mechanisms.

EDUCATION

2014

B.Tech. in Computer Science
University of Mumbai

PERSONAL DETAILS

Languages Known: English, Hindi,
Gujarati, Marathi

Address: Mumbai, Maharashtra, India

Highlights:

- Successfully improved operational reporting efficiency by consolidating data from multiple sources, resulting in a **50% reduction in reporting time** for leadership teams.
- Enhanced customer engagement metrics by implementing targeted campaigns based on data-driven insights, leading to a **20% increase in conversion rates**.
- Streamlined the integration process for 3rd-party services, **reducing onboarding time by 30%** and improving overall system reliability.
- Led a cross-functional team to implement a new payment processing system, driving **20% decrease in transaction errors** and **improved customer satisfaction**.

Additional Assignment – Encore Healthcare Pvt. Ltd., Mumbai

Aug'2024 – Feb'2026 | **Technology Consultant — Data Engineering & Analytics**

Deputation assignment alongside primary role at Blanco Retail

- Developed a **Snowflake Proof of Concept (POC)**, loading production data, creating database objects and tables, and validating data integration workflows.
- Engineered a **production-ready data pipeline** covering 7+ production processes and 55+ machines, using Python and PySpark to ingest, validate, transform, and convert 3-shift production data into Parquet datasets.
- Instituted automated **data-quality & validation controls**, identifying inconsistencies and anomalies in production data before their inclusion in management reporting.
- Created **Power BI dashboards** integrating customer demand, production plans, and shift-level actuals across **55+ machines, 70+ products, 10+ customers, 280+ batches**.
- Worked with the **CEO, Associate Director, factory managers, and production teams** to understand manufacturing workflows and establish data-collection processes.
- Developed a **Python-based production planning and performance solution** to reconcile customer demand, planned production, and actual output, highlighting shortfalls, capacity constraints, and plan deviations.
- Communicated **production, demand, and capacity insights** to senior leadership.
- Delivered broader technology initiatives including the **corporate website** and provided technical consulting for a **Medical Representative application**.

Highlights:

- Flagged **10+ production-data inconsistencies and anomalies** through automated validation before they reached management reporting.
- Cut **production planning and reporting effort by 75%** by automating comparisons between customer demand, factory plans, and actual shift-level production.

Infintrix Global, Mumbai | Apr'2018 – Dec'2018 | Senior Software Developer

- Programmed **backend APIs and data models** for a mobile sports social platform supporting players, facility owners, scheduling, bookings, and payments.
- Structured **database schemas and backend workflows** around user roles, facility availability, and booking state transitions.
- Directed delivery of the **INS Hamla application**, an internally hosted web portal for a defence establishment, encompassing backend and database management.

Technople Solutions, Mumbai | Jun'2016 – Apr'2018 | Web Developer

- Delivered **Jain Student Information System & College ERP** using ASP.NET and ADO.NET, covering academic/administrative modules, reporting, and certificate generation.
- Created **ASP.NET Web APIs** for a Medical Representative Management System supporting its companion mobile application.
- Enhanced **PQRS**, a healthcare web application for patient information management and symptom-based assessment.
- Expanded **Vataly**, ASP.NET MVC e-commerce application, across functionality, database operations, reporting, invoice generation, payment gateway, and Delhivery fulfilment.
- Optimized **SQL Server and MySQL databases** through schema design, stored procedures, and query tuning.
- Guided junior **.NET developers** and **assisted mobile developers** with backend workflows and application integration.

L&T Infotech, Mumbai | Apr'2015 – Apr'2016 | Software Engineer

- Implemented **backend and database functionality** using C#, ADO.NET, and ASP.NET for an ASP.NET Smart City web application POC.
- Constructed **SQL Server tables and stored procedures** supporting application workflows and data management.
- Drove **project planning and tracking**, maintaining delivery schedules via Gantt charts.