

# MASUM THAKAR

## Data Analyst

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## PROFESSIONAL SUMMARY

Data Analyst with a business foundation in Accounting & Economics and a postgraduate specialization in Artificial Intelligence analytics. Turns raw, messy records into decisions using SQL, Python, and Tableau — and understands the full pipeline, having built the production systems that generate data, from PostgreSQL schemas to billing platforms. Hands-on experience owning financial reporting and record-keeping to deadline.

## TECHNICAL SKILLS

|                              |                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Languages &amp; Query</b> | SQL, Python (pandas, NumPy), Dart                                                                               |
| <b>Analytics &amp; BI</b>    | Tableau, Microsoft Excel (advanced formulas, pivot tables), data visualization, exploratory data analysis (EDA) |
| <b>Data &amp; Databases</b>  | PostgreSQL, data modeling, ETL, data cleaning, reporting & reconciliation                                       |
| <b>Tools &amp; Platforms</b> | FastAPI, Next.js, Flutter, Git/GitHub, Supabase, Microsoft 365                                                  |
| <b>Other</b>                 | Lean Six Sigma (Yellow Belt), requirements analysis, cross-border collaboration                                 |

## PROJECTS

### Society Management App — Multi-Tenant SaaS Platform

[FastAPI](#) · [PostgreSQL](#) · [Next.js](#) · [Flutter](#) · [Razorpay](#) · [AWS SES](#)

- Designed a normalized PostgreSQL schema for a multi-tenant platform with row-level data isolation, ensuring no cross-tenant data leakage across societies.
- Built REST APIs powering an admin web portal and a cross-platform mobile app; implemented role-based access control (JWT, 4 roles) and secure authentication (bcrypt, rate limiting, input validation).
- Automated billing with itemized invoices, integrated Razorpay payments, and maintained an append-only transaction ledger with PDF invoice generation.

### Empty Wall — Browser-Based Image-to-ASCII Tool

[Vanilla JavaScript](#) · [Canvas API](#) · [Web Workers](#) · [Supabase](#)

- Developed a client-side image-processing pipeline (pixel brightness/edge mapping) using the Canvas API, offloading heavy computation to Web Workers for a responsive UI.
- Integrated Supabase (storage + database) for a community gallery; deployed on GitHub Pages with automated CI/CD. Live at [kiritossss.github.io/emptywalls](https://kiritossss.github.io/emptywalls).

## EXPERIENCE

### Administrative Executive

May 2022 – Sep 2023

*ITinfoGlobal — Ahmedabad, India*

- Generated monthly invoicing and financial reports from ticketing-system data across multiple clients, ensuring accuracy and completeness before reporting deadlines.
- Maintained structured financial records and documentation; performed accurate data entry and reconciliation.
- Analyzed and improved administrative workflows supporting accounting and reporting processes.

## EDUCATION

### Postgraduate Certificate — Artificial Intelligence: Analytics, Design & Implementation

2024 – 2025

Durham College, Oshawa, ON

### Graduate Certificate — International Business Management

2023 – 2024

Durham College, Oshawa, ON

### Bachelor of Commerce — Accounting & Economics

2019 – 2022

Gujarat University, India