

## PROFESSIONAL SUMMARY

Data Analyst with experience in data profiling, reconciliation, ETL, and business intelligence reporting. Proficient in Excel, SQL and Python, with strong expertise in Power BI for building interactive dashboards and actionable insights. Detail-oriented and collaborative, with a focus on accuracy, scalability, and measurable business impact through data-driven decision-making.

## TECHNICAL SKILLS

- SQL (joins, data warehousing).
- Python (pandas, NumPy, data cleaning, Plotly).
- Excel (advanced formulas, pivot tables, )
- Power BI (interactive dashboards, KPI tracking).
- Statistics & analytics
- AI Prompting, Data cleaning & preparation

## CORE SKILLS

- Analytical problem solving
- Critical thinking
- Business acumen
- Communication & data storytelling
- Attention to detail
- Collaboration & stakeholder management

## PROJECT EXPERIENCE

### CRYPTO VIEW

#### REAL-TIME CRYPTO DASHBOARD | NOVEMBER 2025

- Built WebSocket streaming with Binance API and CoinGecko fallback, ensuring 99% uptime and sub-50ms updates for 10+ cryptocurrencies.
- Developed real-time dashboards with volatility gauges, risk indicators, and market metrics using JavaScript and CSS.
- Added universal search (Ctrl+K) for instant navigation across coins, metrics, and alerts.
- Automated anomaly detection for price spikes/drops and integrated one-click PDF reporting via jsPDF.
- Optimized runtime using IntersectionObserver and debounced search , lowering CPU usage by 40%.

### EXPENSE ANALYSIS

#### EXPENSE TRACKING WEB APP | OCTOBER 2025

- Built FastAPI backend with 15+ endpoints for CRUD operations, analytics, and secure user authentication.
- Developed Streamlit frontend with 25 dashboards using Plotly for data visualization and management.
- Implemented multi-user authentication with phone-based login, password reset, and admin controls.
- Engineered analytics to process transaction data, generating spending trends and automated budget alerts.
- Deployed on Render using two coordinated services for reliable hosting and seamless API communication.

### BUSINESS INSIGHTS 360 — POWER BI DASHBOARD

#### ATLIQ TECHNOLOGIES | AUGUST 2025

- Reporting was slow, inconsistent, and multi-currency data was scattered.
- Delivered an executive-ready Power BI dashboard with standardized data, automated cleansing, INR conversion, and real-time KPIs.
- Built interactive dashboards using Power Query ETL, implemented multi-currency and INR conversion, developed advanced DAX KPIs, and designed KPI cards, slicers, and drill-downs highlighting spend trends.
- Reduced reporting effort by 80% and enabled real-time executive insights for faster decision-making.

## EDUCATION

### B.Sc in Computer Science With AI

Sathyabama Institute of Science and Technology  
CGPA: 6.74/10.00 | Expected: May 2026

### Higher Secondary - Second Year

Zion Matriculation Higher Secondary School  
Grade: 73.33/100.00 | Graduated: May 2023

## CERTIFICATION

### DATA ANALYTICS BOOTCAMP

Codebasics

### GEN AI DATA ANALYST SPECIALIZATION

Coursera