

AJITH RAMESH

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PROFESSIONAL SUMMARY

AI-augmented Data Analyst, actively learning SQL and Python, with strong skills in data profiling, reconciliation, ETL, and visualization (Power BI/Tableau). Skilled at preparing audit-ready documentation, building scalable queries, and delivering actionable insights. Collaborative, detail-oriented, and driven to support assurance analytics with accuracy, efficiency, and measurable business impact.

EDUCATION

Bachelor in Computer Science (Specialization in Artificial Intelligence)
 Sathyabama Institute of Science and Technology
 CGPA: 6.74/10.00 | Expected: May 2026

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

TECHNICAL SKILLS

- SQL & Database Management
- Data Analysis & Profiling
- Data Visualization & Reporting - Power BI
- Python (developing proficiency)
- ETL

CORE SKILLS

- Statistics & Industry specific knowledge
- Team Collaboration & Quick Learner
- Problem-Solving Attitude
- Effective Communication
- AI Prompting & Excel

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.

CERTIFICATION

DATA ANALYTICS BOOTCAMP

Codebasics

GEN AI DATA ANALYST SPECIALIZATION

Coursera - ongoing