

# Robert Sory Jr

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## PROFESSIONAL SUMMARY

Self-taught systems designer and data-driven software builder with 5+ years of operations leadership experience and a Google Data Analytics Professional Certificate. Skilled in Python, SQL, ETL, BigQuery, workflow automation, internal tools, simulation-oriented product design, and reporting systems. Proven ability to turn real-world operational problems into structured software with strong focus on accessibility, system architecture, and measurable outcomes.

## CORE SKILLS

<b>Languages &amp; Data</b>	Python, SQL, BigQuery, Pandas, NumPy, ETL, Data Warehousing, Relational Data Modeling, Schema Design
<b>Systems &amp; Product</b>	Systems Architecture, Workflow Automation, Internal Tools, Business Logic Design, State Management, Product Prototyping, Simulation Systems
<b>Tools &amp; Methods</b>	Git/GitHub, Tkinter, Looker Studio, Power BI, Tableau, Excel, Agile, SDLC, Technical Documentation, Accessibility-Aware Design

## FEATURED PROJECTS

### Luna Workflow Platform & Local IDE Environment

*Python, Tkinter, Local Automation, State Management*

- Designed and built a local-first workflow platform to manage projects from planning through execution and artifact generation.
- Developed a structured mission-and-ticket lifecycle system supporting project tracking, execution states, and output validation.
- Built modular execution pipelines that transformed defined tasks into real artifacts while maintaining synchronized state across setup, scheduling, and result views.
- Created demo-ready UI views for monitoring task state, execution runs, and generated outputs in an offline-capable development environment.

### Wallet Engine / Personal Finance Automation System

*Python, SQL, BigQuery, Looker Studio*

- Built an automated finance system to ingest, clean, and analyze multi-year transaction and budget data.
- Designed a structured data pipeline and warehouse model to support reporting, category analysis, trend tracking, and forecasting.
- Developed dashboard views for cash flow, spending behavior, and financial health monitoring while reducing manual data entry by 80%.
- Created a foundation for calendar-linked reporting and continuous financial state visibility.

### Retail Operations Simulator (Vending-First Training Platform)

*Python, SQL, Systems Architecture, Simulation Design*

- Designed a simulation-based retail operations platform modeling vending route management, inventory flow, vendor reliability, machine performance, financial pressure, and progression systems.
- Built architecture for seeded runs, persistent state, time-budgeted manager decisions, event handling, reporting, and multi-stage business growth.

- Modeled relational design for products, vendors, machines, employee roles, inventory, complaints, financial ledger logic, and progression health.
- Applied direct real-world operations experience to create an accessibility-minded training concept focused on realistic workflow simulation and operational decision-making.

## **PROFESSIONAL EXPERIENCE**

### **Operations Lead / Owner**

2015–2023

#### **Beacon Street Café, Zip Trip Café, Gateway Vending — St. Louis, MO**

- Designed and maintained custom operational tracking systems across vending, café, and retail environments to monitor sales, profitability, payments, and staffing decisions.
- Managed vendor relationships, product ordering, staffing, scheduling, and day-to-day route/store operations across three business environments.
- Migrated vending operations to card-only payments, reducing register discrepancies by 99% and improving transaction consistency.
- Prototyped mobile-friendly machine-management concepts that combined route logic, operational tracking, and user-facing workflow design.

### **Assistant Sales Manager**

2021–2023

#### **Ashley HomeStore — St. Louis, MO**

- Analyzed national and regional performance metrics using Power BI, improving team KPIs by 15%.
- Built internal dashboards and Excel reports to track sales performance and highlight coaching opportunities.
- Trained and supervised 23 sales staff using data-driven performance metrics.

### **Customer Support Representative**

2023

#### **Tower Loan — St. Louis, MO**

- Managed sensitive financial records and migrated 200+ daily loan documents into updated systems.
- Applied custom accessibility solutions, including high contrast, zoom, and font scaling, to improve workflow efficiency and productivity.

## **EDUCATION & CERTIFICATIONS**

### **Google Data Analytics Professional Certificate**

- Coursework in SQL, data cleaning, dashboards, spreadsheets, reporting, and project-based analytics workflows.