

## GREGORY A. ROEPER

roeperg@gmail.com | [LinkedIn Profile](#) | Atlanta, GA

## SENIOR DATA SOLUTIONS ARCHITECT | AI-AUGMENTED ETL | CLOUD DATA ENGINEERING

### PROFESSIONAL SUMMARY

**Senior Data Solutions Architect** with 20+ years of expertise specializing in Cloud Data Migration, Data Engineering, and Advanced BI. Industry leader in leveraging **Generative AI (Gemini, Cursor)** to architect **robust, sustainable, and well-documented** data processes across **Python, Alteryx, and Qlik Sense**. Proven expert in transforming legacy "spaghetti" workflows into high-performance, AI-optimized ETL pipelines. Expert at utilizing AI-augmented development to accelerate innovation while maintaining rigorous enterprise documentation standards.

### TECHNICAL EXPERTISE

- **AI-Augmented Development:** Generative AI (Gemini, Cursor) for code generation, logic translation, automated documentation, and sustainable process architecting.
- **Cloud & Data Ecosystems:** AWS (Redshift, RDS, S3), Spark Hive Data Lake, Snowflake, Data Modeling, Oracle, Sybase, GitHub.
- **BI & Automation:** QlikSense (Development & NPrinting), Alteryx, Tableau, QuickBase, Smartsheets, Tidal Workflow Automation.
- **Engineering:** Python, SQL/HQL Development, RESTful API Integration, Agile SDLC, JSON/YAML/XML.

### PROFESSIONAL EXPERIENCE

#### Business Analyst (Data Analytics) | Intuit (Global Sourcing & Procurement)

Atlanta, GA | Aug 2024 – Present

- **AI-Driven Process Modernization:** Leveraged Generative AI (Cursor, Gemini) to engineer and deploy robust, sustainable, and self-documenting Python and Qlik Sense ETL pipelines, accelerating delivery by over 40%.
- **Migration Lead:** Spearheaded the migration of extensive Alteryx workflow libraries to Qlik Sense, utilizing AI tools to translate complex XML logic into sustainable, well-documented Qlik load scripts.

- **Solution Architecting:** Designed proof-of-concept programs to evaluate vendor performance metrics, focusing on building extensible, enterprise-ready data models.
- **Application Development:** Administered and enhanced high-priority QuickBase applications for contract management and spend visibility.

### **Solutions Architect | Apple (via WiPro)**

**Remote | Jan 2023 – Nov 2023**

- Designed a comprehensive **Snowflake and Tableau** data pipeline to integrate WorkDay data, emphasizing robust data reconciliation and automated quality checks.

### **Business Analyst | FINRA (via ConsultNet)**

**Remote | Jun 2022 – Aug 2022**

- Performed business analysis for compliance-focused projects, establishing new documentation standards for long-term process sustainability.

### **Staff Technical Data Developer | Intuit Inc**

**Fredericksburg, VA | Aug 2008 – Apr 2022**

- **ETL Engineering:** Developed complex Alteryx workflows with embedded Python and API methods for automated data extraction, focusing on modularity and sustainable design.
- **Data Architecture:** Built the "Single Source of Truth" data mart (Oracle/Spark Hive) that consolidated sales reporting for 200+ agents.
- **Cloud Migration:** Led internal migration projects to AWS by maintaining interim Linux and Oracle RDS environments.
- **Analytical Modeling:** Authored predictive Alteryx workflows to model commission changes and audited sales systems to ensure 100% payment accuracy.

## **EARLIER CAREER HIGHLIGHTS**

### **Technical Reporting Lead | Sprint/Nextel**

**Overland Park, KS / Herndon, VA | Jan 2002 – Feb 2008**

- Led a 12-person team during the Sprint/Nextel merger; redesigned program architecture to reduce daily processing from **5 hours to 20 minutes**.

**Billing System Developer | Bell South Cellular/Cingular Wireless**

**Atlanta, GA | Apr 1997 – Jan 2002**

- Developed C++ interfaces for enterprise billing systems, integrating complex logic for new service plan rollouts.

**EDUCATION**

- **University of South Florida:** College of Engineering
- **St. Petersburg College:** Computer Science