David A. Morgan

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Professional Summary

Innovative Data Engineer with over a decade of expertise in managing vast data ecosystems and optimizing traditional RDBMs for high-impact results. Specialized in designing robust data processing frameworks and strategic analytical solutions, thriving on automating processes and developing scalable, distributed systems. Analytical prowess has been instrumental in dissecting complex business requirements to unearth deficiencies and opportunities, driving competitive advantage and revenue growth. Known for articulating complex data concepts to diverse stakeholders, excelling in forging strong relationships and delivering actionable insights through meticulous data analysis and problem-solving.

Specialties:

- Mastery in big data technologies, including Python, Java, SQL, and experience with Spark.
- Proficient in Microsoft SQL Server and adept in SDLC methodologies such as Agile, Waterfall, and iterative processes.
- A track record of automating reporting and analytical tasks, focusing on sustainability, efficiency, and precision to empower business management.
- Comprehensive skills in Microsoft products, web-based applications, and data visualization tools like Power BI and Tableau.
- Practical knowledge in deploying Flask-based web servers to streamline user workflows and enhance operational efficiencies.

Professional Experience

Floor and Decor   **June 2016 thru Present**

- **Senior Merchandising Financial Analyst**   (March 21 thru Present)

    ### Data Ecosystem Optimization
    - Revamped data processing infrastructure, integrating Python and Java to develop scalable data pipelines, resulting in a 50% improvement in processing times.
    - Optimized real-time data analysis through a distributed computing strategy, significantly enhancing predictive analytics model accuracy and reliability.
    - Instituted automated SQL data quality checks, achieving a consistent error reduction rate across all data sets.

    ### Automated Reporting Solution
    - Created an automated reporting system with Python and Power BI, delivering real-time business intelligence and a 40% reduction in manual reporting workload.
    - Consolidated data from multiple sources into a centralized warehouse, enhancing comprehensive reporting and analysis capabilities.
    - Implemented Flask-based web servers for dynamic reporting tools, fostering a data-centric culture among non-technical stakeholders.

    ### Cloud-Based Analytics Platform
    - Spearheaded the migration of data solutions to Azure, developing a cloud-based analytics platform that dynamically scaled with increased demand.
    - Automated ETL processes, employing Python and Java for more efficient resource utilization and establishing robust data governance frameworks.

    ### Flask Web Application for Workflow Automation
    - Developed a Flask web application to automate internal workflows, which improved productivity and reduced data entry errors.

- Integrated the application with SQL databases, ensuring secure and efficient data operations, and provided comprehensive training to end-users.

- **Supply Chain Reporting Manager** (Jun 16 thru March 21)

  Supply Chain Business Intelligence Infrastructure
  - Designed and developed a comprehensive business intelligence infrastructure for the supply chain operations group, aligning with business sponsors and external suppliers to create intelligent analytics solutions.
  - Automated manual processes by implementing a data warehouse, resulting in a significant boost in efficiency and productivity.
  - Sourced previously inaccessible data through APIs, EDI feeds, and web scraping techniques, enriching the analytical capabilities of the supply chain team.
  - Engineered a physical inventory management application for the warehouse, leading to a 70% reduction in downtime due to increased operational efficiency.

  Cost Recognition and Invoice Management Solutions
  - Innovated an activity-based cost recognition model for freight and duty expenses aligned with sales activity, enhancing financial accuracy and cost tracking.
  - Developed a comprehensive program for managing third-party delivery invoices from email attachments to general ledger records, which included import, audit, and payment functionalities.
  - Implemented advanced algorithms for audit processes, such as geo-point classification and Levenshtein fuzzy matching calculations, streamlining the verification and payment workflows.

  Power BI Implementation and Reporting Modernization
  - Executed a company-wide transition from manual Excel reporting to dynamic and actionable Power BI dashboards, converting over 30 reports and enhancing decision-making processes.
  - Created PO "Lifecycle" reporting by unifying all Purchase Order status reports into a controlled data cube, providing a holistic view of the procurement process.
  - Upgraded department reporting from local execution to a network server scheduled environment, optimizing resource utilization and report availability.

  Warehouse Relocation Application Development
  - Developed a bespoke application to manage and track the relocation of warehouse inventory to a new facility, ensuring seamless transition and operation continuity.
  - The application provided end-to-end visibility of each pallet throughout the relocation, maintaining a complete chain of custody and fulfilling all Free Trade Zone (FTZ) documentation requirements.

Southeastern Grocers **April 2013 thru June 2016**

  Supply Chain Auditor (Jul 13 thru Jun 16)
  - Responsible for contract compliance by third-party suppliers.
  - I developed and implemented network analysis to optimize store deliveries based on seasonality.
  - I developed and implemented a cost comparison tool for auditing third-party vendor invoices.
    - The tool uncovered unpaid rebates of over 2.3 million during a six month audit period.
  - Assisted in the conversion of more than 120 acquisition stores
  - Performed numerous store audits to ensure our customers the highest level of service.

Supply Chain Analyst   (Apr 13 thru July 13)

- Managed promotional products (forecasting and ordering) with third-party suppliers, ensuring the highest service level on promotional items critical to maintaining service level to the stores and achieving sales budgets.

Interline Brands Inc   **August 2007 thru November 2012**

West Regional Logistics Analyst   (Feb 11 thru Nov 12)

- Re-structured Distribution Center / Regional Distribution Center assignment resulted in $93,000 of cost avoidance between July 11 and July 12.

- Produced and managed LTL RFP for service within the West Region (CO West…). This bid resulted in an estimated $67,000 in cost avoidance during its first year.

- Developed a program to process the responses. The resulting analysis took less than one day to complete. This allowed me to negotiate more efficiently, knowing the actual cost and savings potential.

- Developed and implemented a Proof of Delivery (POD) system for fleet drivers

- I developed all driver training programs and post-training compliance measurements through reporting.

- I achieved my ROI by reducing customer claims due to accurate and timely POD.

- Developed and determined methodologies, data sources, and techniques to be utilized in planning analyses, planning studies, and research projects.

- Researched, analyzed, and interpreted demographic and route data and trends, including various planning issues and elements, travel behavior, route and utilization projection, and allocation for transportation study.

- Studied existing and proposed data processing and presentation systems, designed and analyzed the feasibility of alternative system approaches, gathered and analyzed system performance data, estimated cost and workforce requirements, and prepared reports and recommendations.

- Worked closely with executives to achieve data processing and presentation objectives, providing examples and ideas for meeting goals, and was the first point of contact for technical support.

Transportation Analyst   (Aug 07 thru Feb 11)

- Responsible for the management of a 10 million dollar Parcel budget

- Developed a parcel claims process that allowed for the recovery of an estimated $120,000 annually (in addition to all claims filed as a result of customer claims that met the minimum sales dollar threshold).

- Managed shipping location and mode assignment for all customers.

- Responsible for three cross-docks, including all aspects of their P&Ls, staffing, safety, and productivity.

- Responsible for reporting and managing all driver KPIs.

- In conjunction with IT resources, I developed a new customer freight calculator, which allowed for customer freight to be quoted to the customer when entering their order.

- Developed Electronic Bill of Lading (BOL) program, which allowed shipping documents to be systematically printed at shipping.

UPS   **Oct 2003 thru May 2007**

> **Human Resources Supervisor**   (Jun 06 – May 07)

- Responsible for screening, interviewing, and processing all pre-employment documents for all "Sunrise" (4am-9am) shift new hires.

- Responsible for the recruitment and training of seasonal driver helpers.

> **Package Assist System (PAS) Dispatch Supervisor** (Jan 06 – Jun 06)

- Responsible for effective dispatch of 20 routes daily.

- I participated as a member of the North East Florida PAS Implementation team.

> **Pre-Load Supervisor**   (Jan 04 – Jan 06)

- Responsible for the safety and productivity of 12+ direct reports.

Education

University of North Florida

B.S. Business Administration

> *-With a concentration in Logistics and Supply Chain Management*

Florida State College of Jacksonville

B.S. Business Administration

> *- For core studies, after which I transferred to UNF*

References

- Van Baker

  Senior Manager Finance – Floor and Decor

  770-755-8938

- Kalyn Engwall

  Sr. Manager, North American Logistics – Floor and Decor
  kalyn.kennedy@gmail.com

- Chris Stanley

  VP, Supply Chain – Southeastern Grocers

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