Jaedon Linen

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WORK EXPERIENCE

Digital Manufacturing IT Internship/Co-op - Smurfit WestRock　　　　　**May. 2024 – Current**
Atlanta, GA
- Utilized AWS Glue to perform ETL operations, transforming OLTP data models into OLAP data models. Leveraged AWS DMS to migrate data from OLTP databases to Amazon Redshift, ensuring data integrity and consistency.
- Sorted through millions of purchase order records in the JDE ERP to develop a reporting application, in Oracle APEX, that showcased equipment maintenance requests and cost, within various plants and mills.
- Sorted through the Data Warehouse in AWS Redshift to create materialized views for specific mills and plants within the organization based on their needs.
- Performed QA testing on Tulip applications, proactively identifying and documenting numerous bugs and usability issues in Azure DevOps, significantly contributing to product stability and user experience improvement.

IT Data Analyst Internship - Republic National Distributing Company (RNDC)　　**May. 2023 – Aug.2023**
Atlanta, GA
- Sorted through millions of supplier and consumer data in the RNDC database to assist with pulling metrics data and presenting information to the company for data completeness for the purpose of moving the company's data into the cloud using Oracle SQL and Microsoft Excel.
- Implemented code program to convert heavily nested Json files into readable excel sheets using Python.

PERSONAL EXPERIENCE

Data Engineering – Data Lake Architecture & Pipeline Development　　　　**Jun 2025 – Jul 2025**
- Implemented a scalable Data Lake using the Medallion Architecture, designing a star schema with a central fact table for orders and dimension tables for products, customers, and regions to enable efficient analytics and reporting.
- Developed Bronze, Silver, and Gold layer notebooks to ingest, transform, and dimensionalize data, implementing both Slowly Changing Dimension Type 1 and Type 2 strategies.
- Designed and implemented an end-to-end workflow pipeline integrating Bronze, Silver, and Gold layer notebooks to automate the ingestion and upserting of new data into an existing Data Lake.

Full-Stack Development | Ledger Pro – Accounting & Finance Platform　　**Jan 2025 – May 2025**
- Developed a comprehensive accounting and finance application with capabilities for charting accounts, posting transactions, generating trial balances, producing income and balance statements, and performing detailed financial analysis.
- Implemented API functionality using Python and a PostgreSQL database in AWS RDS to enable requirements such as creating and storing accounts, password verification, journalizing transactions, etc.

SKILLS

- **Programming Languages/Libraries:** Python, Java, Html, CSS, React JS, Git, C#, Pyspark, Delta Live Tables, Flask, SQL
- **Applicational:** AWS Redshift, Databricks, AWS Lambda, Core Microsoft Office Applications, Tulip, Oracle Apex, GitHub
- **Transferable:** QA testing, Documentation, Agile Methodology, Cross-team Communication, Public Speaking

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EDUCATION

Kennesaw State University, *Kennesaw, GA*　　　　　　　　　　　　　　**May 2025**
Bachelor of Science in Software Engineering with a minor in Computer Science