

John Smith

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jonsmith.com

github.com/josmth

Skills

Languages: SQL, Python, Java, PowerShell, JavaScript, Visual Basic, MATLAB

Data: Alteryx, DBT, MySQL, MSSQL, Tableau, SSRS, Power BI

Experience

ETL Developer, Company A – Remote

Mar 2022 – Present

- Supported senior DBAs with on-site server migration by bulk scripting front-end reporting, back-end connection files, and reviewing security models
- Refactored >30 SQL stored procedures by optimizing queries, adding relevant documentation, and correcting business logic to reflect new manufacturing processes
- Consolidated data pipelines to optimize, reduce redundant server traffic, increase maintainability, and improve SQL Server job run-time
- Supported internal ticketing system by committing business logic changes to existing data pipelines, communicating with customers, and maintaining internal configuration tables
- Reduced error-prone config managing process and reduced manual attention needed by ~15 hours/week by automating 90% of config table alignment with external and customer data
- Maintained data pipelines that transfer >1MM records, at <10 minute cadence to support tactical and strategic operational and business decisions

Data Analysis Engineer, Company B – City, ST

June 2021 – Feb 2022

- Automated 100+ hours/week of business processes using Python, Visual Basic scripts, SQL, and Alteryx
- Implemented operations improvement tool with data mining script to generate daily KPI reports for plant superintendents used to debrief during shift changes
- Produced the site's first machine learning model in Alteryx to predict quality based on operating conditions to prevent a loss profit opportunity of \$40M/day
- Built Tableau dashboards to make advanced process control footprint, missed target KPIs, and plant feed-stock as a data-driven basis to develop continuous organizational improvements

Process Engineer, Company C – City, ST

Aug 2019 – May 2021

- Established a processing project that upgraded low-value plant feedstock resulting in a \$5MM/year profit
- Eliminated 50+ hours/year of manual data entry and analysis by automating the long-range planning (LRP) process by integrating VBA into existing business processes
- Investigated viability of projects by designing process studies and collecting and analyzing plant data to establish a strong business case for investment

Education

State B University – Coursework in Computer Science

Feb 2022

State A University – Bachelor of Science in Chemical Engineering

May 2019