Sean Glavin

skglavin@gmail.com | https://github.com/seanglavin | https://linkedin.com/in/skglavin

Professional Experience

Software Developer | Contract | Remote | Edmonton, Alberta | January 2023 - September 2023
Profire Energy Inc

Develop business application to assist the engineering team with auto generating documentation.

- Create docker container and docker-compose rules for local development
- Build front-end interface using Svelte framework with Node.js to capture JSON data from inputs by internal stakeholders
- Worked with front-end team to integrate data inputs interface with existing online web portal
- Used Python and FastAPI framework to create an asynchronous API that utilizes REST best practices and integrates with Postgres database
- Implemented API security through API key and user authentification through OAuth2 as well as rate limiting
- Refactor and modularized Jinja2 templating into components and be scalable to additional future document generating
- Created a Pydantic data model for data validation

Data Engineer | Remote | Edmonton, Alberta | September 2019 - June 2022
Finning Internation Inc

Create complex SQL views and aggregations to accurately summarize large scale data to directors, VPs, and internal customers.

- Utilize SQL to perform ETL with SSIS and Azure Data Factory into an Azure based database for financial intelligence and reporting
- Developing tools and processes to improve and automate rebate claims processes responsible for $3-5MM each month to ensure product managers maintain gross margin target
- Create Python scripts to assist pricing team members with data management and pricing updates by importing Excel data to Azure based database
- Manage SQL database for the pricing team to use as a sandbox environment for impact analysis of pricing strategies and sales campaigns
- Create SQL stored procedures in SSMS to build custom tables and reports for analysis for creating customer pricing files
- Build Tableau dashboards/reports connected to SQL tables to provide gross margin analysis for internal stakeholders
- Provide excel pricing/rebate calculators for product managers to produce customer quotes more efficiently

Market Data Administrator | Hybrid | Edmonton, Alberta | September 2018 - September 2019
Finning Internation Inc

Process incoming equipment requests in CRM (SalesLink) and ERP (Infor/M3) generated by sales, service, and parts teams.

- Collect, enter, and quality control data used to track and analyze customer and market opportunities
- Extract and prepare data through CRM or SQL queries for data entry and reporting
- Provide internal support with CRM functionality

Shipper/Receiver | Edmonton, Alberta | September 2017 - April 2018
CBM Office Automation

- Assembly and refurbishment of new and old machines
- Maintaining inventory
- Field customer service and delivery

Skills

Programming Languages:

Python, Javascript, Bash, SQL

Web Technologies:

JSON, RESTful API

Data Technologies:

Postgres, Microsoft SQL Server, Excel, Tableau, Looker

Operations:

Docker, Docker-Compose, Linux, AWS, Azure, Git, Saleslink/Salesforce CRM, Infor/M3 ERP

Education

Bachelor of Science in Mathematics | Grant MacEwan University | Edmonton, Alberta | June 2016

- Jason Lang Scholarship for outstanding academic achievement

CFA Level 1 | December 3, 2016