

# Jarred Glaser

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## Skills

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**Languages:** Python, Java, TypeScript, JavaScript, HTML, CSS, Rust

**Frameworks:** Spring, FastAPI, Starlette, Flask, Node, React

**Tools:** Git, GitLab CI/CD, Docker, Terraform, Flyway, Kubernetes, AWS (EKS, S3, Lambda, API Gateway), Kafka, Jira

**Databases & Analytics:** PostgreSQL, MS SQL Server, AWS Redshift, Snowflake, DBT, Power BI, Tableau

**Software Development:** Agile, Full Stack Development, Microservices, Data Engineering, Data Pipelines

## Experience

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### Northwestern Mutual

Senior Software Engineer

Apr 2022 – Present

- Architected and deployed a Java Spring and React web app with AWS EKS allowing investment analysts to manage and explore investment opportunities resulting in an increase of over \$1.2m in investment profits for the company
- Built and maintained GitLab CI/CD tooling using Python and Docker, facilitating self-service access to a Snowflake and DBT-based data platform and increasing its adoption across engineering teams
- Created a high-performance multithreaded data transfer CLI tool in Rust, facilitating the seamless transfer of 100GB+ data between AWS Redshift and Snowflake databases
- Built and deployed a custom Snowflake external function using AWS Lambda and API gateway, allowing analysts to enrich data by pulling information from internal APIs and services directly through Snowflake SQL queries
- Developed a custom GitLab CI/CD template using Python and Docker to enhance config-as-code state management for our enterprise batch solution, improving developer productivity and reducing bugs when deploying batch pipelines
- Led daily stand-ups following agile best practices and allowing our team to efficiently handle incoming requests

Software Engineer

Jan 2020 – Apr 2022

- Developed a custom data ingestion microservice using Java/Spring, AWS EKS, and S3, facilitating the seamless onboarding of 100GB+ of data into Snowflake
- Modernized several legacy ETL pipelines using Python and Docker resulting in an ~80% decrease in data quality issues and unexpected failures and downtime for our daily batch processes
- Developed and maintained a Java Spring and React web application on AWS (EKS, RDS, S3) enabling investment analysts to monitor and manage their investment portfolios resulting in increased investment revenue for the company

### Continuus Technologies

Business Intelligence Engineer

Sept 2019 – Jan 2020

- Provided data engineering and analytics consulting work to clients across various industries streamlining and automating processes and leading to greater analytical insights and decreased time spent on manual tasks

### Uline

Data Analyst

Jan 2019 – Sept 2019

- Modernized and automated reporting capabilities on the company's high volume ecommerce site with Python, MS SQL Server, and Power BI enabling improved insights into SEO and website conversions

### Johnson Controls

Business Intelligence Analyst

Oct 2017 – Jan 2019

- Implemented Google Analytics across ~100 company brand websites and used Python and SQL Server to set up a web marketing data warehouse driving stronger insights into the company's website performance and marketing KPIs

## Education

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### Champlain College

Undergraduate Certificate – C++ Programming

Dec 2020

### University of Wisconsin - Milwaukee

M.A. Economics – Econometrics and Quantitative Economics

May 2018

Thesis: [Using Machine Learning and Google Searches to Predict Stock Market Changes](#)

B.A. Double Major – Economics and History

May 2017