

Jarred Glaser

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Skills

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

Frameworks: FastAPI / Starlette, Flask, Spring, 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

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
- Developed a Python FastAPI and React web application hosted on AWS EKS that served an Office web add-in, leading to improved accessibility for data consumers
- 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 standups 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 over 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

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