Jarred Glaser

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Skills

Languages: Python, Java, TypeScript, JavaScript, HTML, CSS, Rust
Frameworks: Spring, FastAPI, Starlette, Flask, Node, React
Tools: Git, CI/CD, Docker, Terraform, Flyway, Kubernetes, AWS (EKS, S3, Lambda, API Gateway, EventBridge), 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 a Python microservice hosted on Kubernetes allowing communication between on-prem enterprise batch jobs and AWS Batch (EKS) jobs and resources
- 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
- 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 custom Snowflake external functions using AWS Lambda and API gateway, allowing analysts to enrich data by pulling information from external APIs and services directly through Snowflake SQL queries
- Led daily stand-ups following agile best practices and allowing our team to efficiently handle incoming requests

Software Engineer   Jan 2020 – Apr 2022
- Created and deployed a data ingestion microservice with Java/Spring, AWS EKS, and S3, simplifying the onboarding and management of 1TB+ of data into Snowflake and AWS Redshift databases
- Modernized 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
- Designed and maintained a Java Spring and React web application hosted on AWS (EKS, Aurora Postgres, S3), empowering investment analysts to manage their portfolios and increase 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