Jarred Glaser

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Skills

Languages: Python, TypeScript, Java, JavaScript, HTML, CSS, Rust
Frameworks: Spring, FastAPI, Litestar, Starlette, Flask, Node, React
Tools: AWS (EKS, S3, Lambda, API Gateway, EventBridge), Git, CI/CD, Docker, Terraform, Flyway, Kubernetes, Jira
Databases & Analytics: PostgreSQL, Snowflake, AWS Redshift, DBT, MS SQL Server, Power BI
Software Development: Full Stack Development, Microservices, Agile, Data Engineering / Modeling, Data Pipelines

Experience

Northwestern Mutual

Senior Software Engineer   April 2022 – Present
- Engineered a Python/React/AWS EKS web application that enabled access to our data warehouse (Snowflake) from our internal applications using OAuth2.0 resulting in broader adoption of our data platform and improved data delivery
- Led the development of a rewrite of a large legacy codebase (Docker image, Python CLI tool, and CI/CD templates) leading to a 200% improvement in CI/CD pipeline runtimes and an 80% increase in unit and integration test coverage
- Designed, built, and deployed an event-bus solution using AWS EventBridge enabling integration between our on-prem enterprise orchestration tooling and AWS services leading to improved event-driven patterns across the department
- Architected and deployed a Java/Spring/React/AWS EKS web service allowing investment analysts to manage and explore investment opportunities resulting in an increase of over $1.2m in investment profits for the company
- 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 jobs
- Architected and managed a department-wide Snowflake, AWS, and DBT-based data platform for 10+ engineering and business teams resulting in improved insights, decision making, and engineering collaboration
- Improved department engineering culture and standards by leading standups, training new engineers, and leading department-wide architecture committee meetings
- Created a high-performance multithreaded data transfer CLI tool in Rust, facilitating the seamless transfer of 100GB+ data between AWS Redshift and Snowflake databases
- Developed a custom web-based graphing tool using React/Typescript/Plotly.js embedded within our home-built investment application suite, enabling traders and analysts to quickly identify investment opportunities

Software Engineer   Jan 2020 – April 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

Uline

Data Analyst   Jan 2019 – Sept 2019

Johnson Controls

Business Intelligence Analyst   Oct 2017 – Jan 2019

Education

Champlain College

Undergraduate Certificate – C++ Programming   Dec 2020

University of Wisconsin - Milwaukee

M.A. Economics – Econometrics and Quantitative Economics   May 2018
B.A. Double Major – Economics and History   May 2017