


Tyler Wenzel

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EXPERIENCE

Co-Creator/Software Engineer, Dataloaf  2024 – present

Dataloaf is an open-source self-hosted product analytics that allows for data ingestion and visualization.

- Built command line interface tool for Dataloaf infrastructure simplifying provisioning down to 4 steps using Go.
- Automated provisioning and teardown of AWS cloud infrastructure via Terraform.
- Designed and implemented ETL pipeline utilizing AWS API Gateway, AWS Lambdas, Amazon Data Firehose, and Amazon Redshift to ingest and store client application data.
- Created data visualization application hosted on Amazon EC2 instance deployed through Docker containers for ease of use.
- Implemented server-side Node.js SDK to collect user and event data from client application to send to data ingestion pipeline.
- Authored a comprehensive case study discussing Dataloaf's problem domain, system design, and key engineering decisions. This case study is available at data-loaf.com 
- Collaborated remotely with a team of three engineers through daily sync meetings, pair and mob programming sessions.

Full Stack Web Developer, Self-employed 2022 – present

Independently developed open source applications including:

- *endpntr* - A webhook receiver service to collect and inspect HTTP traffic sent to a generated endpoint. (Node, Express, Tailwind CSS, MongoDB, REST API, Digital Ocean, Nginx)
- *Todos* - An interactive todo list manager. (Node, Pug, CSS, PostgreSQL and Express)

Financial Analyst, Johnson and Johnson 2020 – 2022

- Executed quarterly close responsibilities including capital expenditures, budget and sales forecasting
- Adhered to all accounting policies and standards to ensure company follows all compliance measures
- Supported Ethicon operating company providing budget and sales analysis to business partners
- Led expansion of tableau dashboard utilized across entire Medical Device segment

SKILLS

Frameworks

Express, Node, React, REST API

Databases

PostgreSQL, MongoDB, Amazon Redshift

Cloud

Amazon Redshift, Amazon Data Firehose, Amazon EC2, AWS API Gateway, AWS Lambdas, Elastic Load Balancer

Languages

Javascript, Go, HTML, CSS, Terraform, SQL

EDUCATION

Launch School, 2022 – 2024

Software Engineering & Full-Stack Web Development

- A multi-year mastery-based curriculum teaching full-stack engineering fundamentals from first principles

Ohio State University, Finance

2016 – 2020