Tyler Wenzel

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EXPERIENCE

Co-Creator/Software Engineer, *DataLoaf* 🔗   2024 – present

DataLoaf is an open-source, self-hosted product analytics tool that enables data collection, ingestion, and visualization.

- Built command line interface tool for DataLoaf infrastructure simplifying provisioning down to 4 steps using Go.
- Automated provisioning and teardown of 30+ resource AWS cloud infrastructure via Terraform.
- Designed and implemented data pipeline to ingest and store up to 10,000 events per second utilizing AWS API Gateway, Amazon Kinesis Data Streams, Amazon Data Firehose, and Amazon Redshift.
- Created data visualization application hosted on Amazon EC2 instance deployed through Docker containers.
- Implemented server-side Node.js SDK to collect 3 different types of data (user, event, update) 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 🔗 .

Full Stack Engineer, *Open Source Projects*   2022 – present

Developed open-source applications including:

- *endpntr* - A webhook reciever service to collect and inspect HTTP traffic sent to a generated enpoint. (Node, Express, Tailwind CSS, MongoDB, REST API, Digital Ocean, Nginx)
- *Connector* - An interactive contact manager. (Node.js, Handlebars.js, and an Express API)

Financial Analyst, *Johnson and Johnson*   2020 – 2022

- Executed quarterly close tasks 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.js, React, REST API, jQuery, Git

Cloud
Amazon Redshift, Amazon Data Firehose, Amazon EC2, AWS API Gateway, AWS Lambda, Amazon VPC, Amazon S3

Databases
PostgreSQL, MongoDB, Amazon Redshift

Languages
JavaScript, Go, HTML, CSS, Terraform

EDUCATION

Ohio State University, *BSBA Finance*   2016 – 2020

- Employed as accounting TA for managerial and financial accounting from 2018-2020.