



# Tyler Wenzel


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## EXPERIENCE

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**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](https://data-loaf.com) .

**Full Stack Web Developer, Open Source Projects** 2022 – present

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)
- *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

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### Frameworks

Express, Node.js, React, REST API, jQuery

### Databases

PostgreSQL, MongoDB, Amazon Redshift

### Cloud

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

### Languages

JavaScript, Go, HTML, CSS, Terraform

## EDUCATION

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**Ohio State University, BSBA Finance** 2016 – 2020

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