

# Tyler Wenzel

✉ [tylerwenzel9@gmail.com](mailto:tylerwenzel9@gmail.com)   [tylerwenzel.dev](https://tylerwenzel.dev)   [in](https://www.linkedin.com/in/tylerwenzel) [tylerwenzel](#)   [github](https://github.com/tylerwenzel) [tylerwenzel](#)

## ABOUT ME

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I am a full-stack software engineer with a passion for problem-solving and creating. I have experience working in Javascript, Typescript, and Go, but am always excited when I can learn new tech. In my free time, I like to read, run (typically, not at the same time), and hopelessly root on my Cleveland Browns.

## EXPERIENCE

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### 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 30+ resource AWS cloud infrastructure via Terraform.
- Designed and implemented data pipeline to ingest and store 1000s of data points per second utilizing AWS API Gateway, AWS Lambda, 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) [🔗](#)
- Collaborated remotely with a team of 4 engineers through daily sync meetings, pair and mob programming sessions.

### Full Stack Web Developer 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)
- *ContactMe* - An interactive contact manager.(Node.js, Handlebars.js, and an ExpressAPI)

### 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

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### Frameworks

Express, Node.js, 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/TypeScript, Go, HTML, CSS, Terraform

## EDUCATION

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### Launch School 2022 – 2024

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

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

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