

# Adam Peterson

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## SUMMARY

I'm a software engineer based in Lexington, Kentucky. I'm a co-creator of Tapestry, an open-source orchestration framework for deploying and managing user data pipelines. I have multiple years of experience with the Ruby and Javascript ecosystems and am comfortable with AWS, Docker, React, and Go.

## RELEVANT EXPERIENCE

**Co-Creator, Software Engineer, Tapestry** 2021 – present

[tapestry-pipeline.github.io](https://tapestry-pipeline.github.io) [🔗](#)

Tapestry is an open source data pipeline orchestration framework for user entity data.

- Prototyped automated deployment of an end-to-end data pipeline to solve business's data silo problem
- Built interactive CLI application and published as NPM package (Node.js, Commander.js, Inquirer.js)
- Automated the provisioning of AWS cloud infrastructure to host data ingestion and syncing tools (AWS CLI, Cloudformation templates, SSM Parameter Store, EC2, ECR, ECS, Fargate, S3)
- Developed dashboard to query and graph health monitoring data from AWS resources for easier observability (React, TailwindCSS, Node.js, Express)
- Led the implementation of security measures by injecting secrets into Docker Containers at run time
- Wrote logic to automate the varied configuration and setup of data pipeline-centric tools, including working with REST APIs, code configurations, and execution of SQL commands.
- Containerized server code to deploy ECS Fargate cluster using Docker Compose ECS Integration and ECR
- Collaborated daily with a distributed and fully remote team using the Agile methods and procedures
- Co-authored and presented a technical case study exploring Tapestry's design challenges and solutions (<https://tapestry-pipeline.github.io/case-study> [🔗](#))

**Software Engineer, Self Employed** 2019 – 2021

- Message Bucket - RequestBin-like tool for capturing and monitoring webhooks (Node.js/Express, PostgreSQL)
- Reaction - Full stack collaboration app similar to Trello (React/Redux, Node.js/Express, MongoDB)
- Airline Router - Dynamically changing graph that utilizes Dijkstra's algorithm for finding shortest path (React)

**Project Manager, Web Developer, Provations Group** 2010 – 2020

- Managed all projects for a graphic design company, coordinating work between all clients and designers
- Improved workflow efficiency for a client, helping to turn a \$5k account into a \$200k account
- Designed and developed multiple websites for clients

## SKILLS

### Back-End

Node.js/Express, Ruby/Sinatra, PostgreSQL, SQL, MongoDB, RESTful APIs, Go

### Front-End

JavaScript, React/Redux, HTML/CSS, jQuery, Handlebars.js, Axios, TailwindCSS

### Cloud

AWS (EC2, ECS, ECR, Fargate, IAM, S3, SSM Parameter Store, Application Load Balancer, CloudFormation, CLI), Digital Ocean, Heroku

### Technologies

Git/Github, Docker, Linux, WebHooks

## EDUCATION

**Launch School** 2019 – 2021

Multi-year mastery-based learning curriculum for software engineering | [launchschool.com/employers](https://launchschool.com/employers) [🔗](#)

**M.A., Philosophy, Saint Louis University** 2003 – 2005 | St. Louis, MO

**B.A., Philosophy, Asbury University** 1999 – 2003 | Wilmore, KY