

Leah Garrison

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RELEVANT EXPERIENCE

Software Engineer, Olive 10-2021 – present

- Created healthcare prior authorization web scrapers that save customers 1000's of manpower hours
- Researched, designed, and implemented a new automation utilizing healthcare REST APIs
- Collaborated across multiple teams to leverage the use of existing internal APIs and systems
- Experience troubleshooting product issues, analyzing the impact, and implementing the solutions across all team applications
- Provided support as the main engineer for multiple customer rollouts
- Developed and maintained internal solutions that decreased issue response time and ensured data integrity across systems

Co-Creator | Software Engineer, Tapestry 2021 – present
tapestry-pipeline.github.io [🔗](#)

- Co-created Tapestry (<https://tapestry-pipeline.github.io/>), an open source data pipeline orchestration framework for user entity data. Tapestry automates the deployment of a warehouse-centric data pipeline that incorporates both data ingestion and data syncing components.
- Designed, prototyped, and built Tapestry using Node.js and various Amazon Web Services (ECS, Fargate, EC2, ALB, IAM, S3, SSM Parameter Store, ECR).
- Contributed to an Interactive CLI application and published it as an NPM package (Node.js, Commander.js, Inquirer.js).
- Automated the provisioning and teardown of the AWS infrastructure using AWS CloudFormation, AWS CLI, and Docker Compose ECS integration.
- 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 and automated the deployment of the data syncing component using the Docker Compose ECS Integration and AWS ECS Fargate.
- Automated Snowflake warehouse setup and configuration via the snowflake-promise library.
- Implemented the functionality to inject secrets into a Docker container at runtime by collecting and storing sensitive user information via the command line and automating the generation of YAML and .env files.
- Created a dashboard used for observability and health monitoring of the data pipeline and its AWS resources (React, TailwindCSS, Node.js, Express).
- Filmed all technical tutorial videos and wrote documentation for user set-up.
- Collaborated and pair-programmed daily with a small team of remote engineers spread over multiple time zones.
- Authored technical case study, readable at (tapestry-pipeline.github.io/case-study [🔗](#))

Software Engineer, Self-employed 2018 – present

- **Reaction:** a project management tool inspired by Trello built with React/Redux, Express, and MongoDB.
- **Airline Router:** a paginated application that has searchable and filterable flight airline data (Node.js, React).
- **RequestBucket:** RequestBin-like tool for receiving and debugging webhooks. (Node.js/Express, PostgreSQL, Webhooks).
- **Shopping Cart:** an e-commerce application (React/Redux, Node.js, Express.js, MongoDB, Rest API).

SKILLS

Front-End

TypeScript, JavaScript, React, Redux, HTML, CSS, jQuery, Handlebars.js, Axios

Technologies

Git/Github, Gitlab Pipelines, Docker, Linux, WebHooks, Postman, Snowflake-Promise Library, HTTP, Webhooks, Puppeteer, Jira, Bitbucket, AWS Code Commit

Cloud

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

Back-End

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

EDUCATION

Launch School 2018 – 2021

- Multi-year Mastery based learning curriculum for software engineering

Niagara University, Bachelor's of Science in Marketing 2014 – 2018

GPA: 3.45 | Presidential Scholar