

# Ryan Lassiter

## Full-Stack Software Engineer

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Empathic, Intuitive, Earnest, Perceptive, Leader, Mentor, Model, Senior Full-Stack Software Engineer with intimate knowledge and experience using Typescript, Python, GraphQL, SQL, NO-SQL in a variety of frameworks like React, Vue, Node with Express, Django, and Flask, in a variety of environments - from startups to large enterprise applications.

## Work History

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### 2023-04 - Current      **Full Stack Software Engineer**

*The Stow Company, Asheville, NC*

- Build new features in React/JavaScript/Django/Python for comprehensive web application used to design and price custom closet spaces for commercial and residential clients
- Collaborate with product/design teams in aligning feature work with business priorities
- Use complex drawing tools leveraging HTML 5 Canvas API to build a CAD-like object-oriented drawing tool

### 2021-11 - 2023-02      **Full Stack Software Engineer**

*Tackle, Asheville, NC*

- Built and maintained robust and fully-automated customer facing onboarding experience to list products across big three cloud marketplaces - AWS, Microsoft, and Google. Built with the strength and performance to handle exponential customer growth.
- Implemented code generation tools to create type safety between our Node.JS/GraphQL services and internal openapi services. Helped reduce entire subsection of uncaught errors involving undefined properties, resulting in huge win for our developers when working with different complex objects across organization.
- Built new service using Node with Express and Typescript to consume new Microsoft Azure Marketplace API. Reduced many touch points for customer journey team as well as automated large parts of onboarding process for customers using Microsoft Azure Marketplace.
- Environment: React, Apollo GraphQL, Node, Python, Flask, Marshmallow, DynamoDB, AWS

### 2021-06 - 2022-06      **Front-End Technical Lead**

*Gliply, Asheville, NC*

- Designed and developed React frontend architecture for "learning community" SaaS platform
- Built and maintained front-end UI library leveraging React and styled-components with CSS variables and semantic HTML
- Designed front-end data structure/API and implementing GraphQL client to handle consuming and mutating data from GraphQL server
- Created workflows for task/user story creation as well as parsing priorities vs backlog using Asana. This included subdividing and estimating story/subtask completion.
- Environment: React, Node, Apollo GraphQL, PostgreSQL

### 2020-08 - 2021-11      **Full Stack Software Engineer**

*Center For Advanced Transportation Technology Lab, College Park, Maryland*

- Built, tested, and maintained large-scale data visualization-centric web apps using React/Node/Python
- Led development of OSS prototype for drawing complex sankey diagrams on client using svg
- Environment: React, LeafletJS, D3.js, Node, Python, Django

### 2020-12 - 2021-08      **Software Engineer**

*Sustainable Agriculture Research And Education, College Park, Maryland*

- Consulted on and developed services using VueJS and PHP
- Built tools for form administration to more easily manage redundant tasks involved with admin work. Helped increase productivity by simplifying complex UI and creating simpler workflows for managing forms as admin
- Environment: VueJS, Wordpress/PHP

**2019-07 - 2020-08**

## **Freelance Software Engineer**

*Self Employed, Asheville, NC*

- Consulted and contributed to projects ranging from small businesses to multinational corporations working across varying technology stacks to add new value, reduce complexity, and optimize applications with end users in mind
- Individual contributor in variety of environments including React, Typescript, Apollo Client and Server, Vue, Gatsby, Headless CMS's, Netlify JAM stack
- Advised on building and maintaining code bases, API integrations, customer engagement/retention using analytics, and more thoughtful UI/UX implementation

**2008-06 - 2019-06**

## **Freelance Musician/Producer/Engineer**

*Self Employed, Asheville, NC*

- Maintained self-owned recording studio. Handled all aspects of business - client acquisition, project management, contracting musicians to accompany artists, production, engineering, client billing, physical asset maintenance and acquisition
- Studied intensively at university level to acquire classical performance mastery as well as recording engineering skills

## ***Skills***

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TypeScript | ReactJS | GraphQL | CSS - Semantic HTML | Node.JS | Python |  
Django | Flask | VueJS | SQL | PostgreSQL | Dynamo

## ***Education***

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**2004-08 - 2008-05**

## **Bachelor of Science: Music Technology**

*Appalachian State University - Boone, NC*