

# Cody Stair

📍 Clinton, TN   ✉ staircody27@gmail.com   🖱 <https://codystair.github.io>   🔄 codystair

## Summary

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I'm a Software Engineer based in Knoxville, TN. I'm the co-creator of Stagehand [↗](#), a drop-in framework that automates the deployment and management of review apps for modern frontend applications. I have multiple years of experience in both the JavaScript and Ruby ecosystems, as well as Amazon Web Services (AWS).

## Skills

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### Backend

Ruby, Rails, Sinatra,  
Node.js, PostgreSQL,  
Express, RESTful APIs

### Frontend

HTML/CSS, JavaScript,  
jQuery, React

### Tooling

Git/GitHub, GitHub  
Actions, Linux

### Cloud

AWS, Digital Ocean,  
Heroku

## Professional Experience

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2020 – present

### Co-Creator, Software Engineer, Stagehand [↗](#)

- Co-created Stagehand, an open-source drop-in solution that automates review apps for frontend applications
- Designed cloud infrastructure on AWS to host frontend review apps
- Prototyped and built GitHub integration to automatically deploy and tear down review apps using GitHub Actions
- Automated provisioning of AWS infrastructure using AWS CloudFormation
- Implemented client-side functionality for review apps to provide dashboard and handle routing using HTML iframe elements and service workers
- Built a robust easy-to-use CLI that abstracts away configuration and deployment logic, available as an NPM package
- Collaborated daily with a 100% remote team of engineers
- Co-authored Stagehand's case study: <https://stagehand-framework.github.io> [↗](#)

2017 – present

### Software Engineer, Self-Employed

- Developed open-source software using Rails, Sinatra, Ruby, Node.js, Express, PostgreSQL, React/Redux, vanilla JavaScript, HTML, and CSS
- Reaction - a Trello-like project management app built with React/Redux and Rails
- Todolt - a todo list app built with Node.js, Express, JavaScript, jQuery, Handlebars, HTML and CSS
- TickIt - a ticket management app built with Rails, PostgreSQL, and Bootstrap

2014 – 2020

Clinton, TN

### Education Director, Probation Officer, Anderson County Probation - PSI

- Co-managed the Anderson County, Tennessee misdemeanor probation office
- Supervised the substance abuse education program to reduce recidivism in clients

## Education

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2018 – 2020

### Launch School

Multi-year full-stack Software Engineering curriculum, focusing on mastery-based learning | [launchschool.com/employers](https://launchschool.com/employers) [↗](#)

2011 – 2013

### Liberty University

Bachelor of Arts - BA, Religion/Religious Studies