

Cody Stair

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

Summary

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

Backend

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

Frontend

HTML/CSS, JavaScript,
jQuery, React

Tooling

Git/GitHub, GitHub
Actions, Linux

Cloud

AWS, Digital Ocean,
Heroku

Professional Experience

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
- Co-authored Stagehand's case study: <https://stagehand-framework.github.io> [↗](#)
- Collaborated daily with a 100% remote team of engineers

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

Co-Manager, Probation Officer, Anderson County Probation - PSI

- Co-managed the Anderson County, Tennessee misdemeanor probation office
- Supervised the DUI drug and alcohol education program

Education

2018 – 2020

Launch School

Multi-year full-stack Software Engineering curriculum, mastery-based learning
Ruby, JavaScript, SQL, HTTP, HTML/CSS | launchschool.com/employers [↗](#)

2011 – 2013

Liberty University

Bachelor of Arts - BA, Religion/Religious Studies