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	**Frontend**	**Tooling**	**Cloud**
Ruby, Rails, Sinatra, Node.js, PostgreSQL, Express, RESTful APIs	*HTML/CSS, JavaScript, jQuery, React*	*Git/GitHub, GitHub Actions, Linux*	*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
- 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
- TodoIt - 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 drug and alcohol education/prevention program

Education

2018 – 2020

Launch School
Multi-year full-stack Software Engineering curriculum, focusing on mastery-based learning | launchschool.com/employers ↗

2011 – 2013

Liberty University
Bachelor of Arts - BA, Religion/Religious Studies