

Alec Cuccia

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Core Technologies

JavaScript, TypeScript, React, React Hooks, React Context, Redux, Node.js, Express, Koa, PostgreSQL, Knex.js, Git, GitHub, Docker, Kubernetes, Redis, HTML5, CSS3, SCSS, Styled-components

Work History

Software Engineer III — *Cover Genius, Remote*

June 2023–Present

Full Stack Engineer II — *Clyde (acquired by Cover Genius), NYC*

January 2022–June 2023

Full Stack Engineer I

April 2020–January 2022

Junior Full Stack Engineer

January 2019–April 2020

- Headed a small team to create a new registrations/sales channel JavaScript widget used by enterprise-level partners. Built the front-end UI with a focus on accessibility and cross-browser compatibility, and all back-end RESTful api endpoints with a focus on response time (≤ 100 ms).
- Developed a new call-to-action React widget from inception to deployment. Collaborated closely with product, design, and implementations teams on the UI/UX, the go-to-market plan, and the total opportunity.
- Designed and built a pre/post testing system for the company's call-to-action React widgets which led to a 10.35% increase in attach rate of warranties sold on products.
- Redesigned the company's internal management tool based on user feedback, greatly reducing the amount of time developers spent triaging problems with the tool and enabling deep linking.
- Mentored web dev and QA engineers through vigorous pair programming sessions, extensive code reviews, and by fostering a safe, friendly space to ask and answer questions.
- Modernized older, vanilla-JavaScript widgets and other customer-facing code by updating codebase to TypeScript and React. Leveraged tools such as React Context and styled-components to increase maintainability and ensure quicker onboarding of new devs.
- Prototyped, built, and maintained the company's internal Chrome extension, enabling quick-debugging of live JavaScript widgets and quick-testing of local code.
- Developed the company's RESTful orders API endpoint, laying the groundwork for both enterprise integrations and a new, post-time-of-sale revenue stream.
- Interviewed associate, mid-level, and senior software engineers in both culture and hands-on coding sessions. Co-designed the associate and mid-level hands-on coding task.
- Optimized SQL queries and, when possible, rewrote them with Knex.js, enabling the system to scale.
- Worked with the team to improve code quality and deduplicate features between numerous React and Node.js microservices.
- Built, as part of a two-person engineering team, the company's consumer-facing website in TypeScript, React, and Redux, allowing end customers to manage their purchased warranties and file claims.
- Spearheaded the creation of an internal library of plug-and-play React components, leveraging React Hooks to reduce the overhead of each component.

Code Coach / Moderator — *Codecademy, Remote*

September 2018–December 2018

- Taught vanilla JavaScript and React/Redux concepts to students of various coding levels.
- Debugged student code on-the-fly through pair-programming sessions with learners.
- Moderated multiple online cohorts of 50+ students, receiving glowing reviews from each class.

Education

App Academy

March 2018–June 2018

A full-stack, 1000-hour web-development course with an acceptance rate under 3%

New York University, The Gallatin School of Individualized Study

Sept. 2009–Jan. 2013

Bachelor of the Arts in Independent Studies, English Writing