

Rahul Kalra

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TECHNICAL SKILLS

- FrontEnd: Javascript, HTML/CSS, Webpack, Babel, GraphQL, REST, Socket.io, React.js, React Native
- BackEnd: NodeJS, PostgreSQL, express

RELEVANT EXPERIENCE

Full Stack Software Engineer, C0D3.com

July 2018 – Current

A platform for people to learn how to code in Javascript through a comprehensive curriculum and mentorship.

- Built and launched a REST API to allow users to download ur curriculum and challenges.
- User management:
 - Designed an Internal User Management Component & API that interacted with third party services using the GitLab & Mattermost APIs.
 - Implemented ability to change password, which involves API requests across different integrated services like GitLab and MatterMost for our platform.
- Announcements:
 - Built the Announcements feature into user's home page for them to see updates and release notes.
 - Created ad admin dashboard which allows full control of creating and modifying announcements.
- Improve teacher/student flow:
 - Added ability to adopt students so teachers can focus on the same student by quickly filtering through submissions.
 - Implemented A/B testing to understand and improve the user experience.
- Launched a public profile page to display curriculum and progress of a student.
- Code Improvements:
 - Created higher order components for GraphQL mutation components to handle loading and error states and updating local caches to provide a quick and responsive user experience.
 - Upgraded all textarea inputs by migrating to new markdown input component where users can see a preview.
 - Lead an initiative to improve functional test coverage and implemented functional tests.
 - Fixed weekly bug issues reported by the users.

Software Engineering Volunteer, Free Code Camp

June 2018 –

Current

A non-profit that is helping people learn code for free.

- Helped ran a pilot program for 3 months at MLK library where students were learning Javascript.
 - Led classes on Git and how to use branching to version control effectively.
 - Helped students with NodeJS exercises and code reviewed solutions to make sure student projects are following best practices such as following REST conventions and using appropriate high order functions (ForEach vs Map vs Reduce).
 - Taught students about browser concepts such as cache busting, cookies, and events.
- Volunteer every Saturday at Santa Clara Library to help answer Javascript related questions.

Growth Engineer, Inspectlet

Aug 2017 - June 2018

- Led technical support to help customers resolve integration issues and proposed new features based on customer feedback.

Co-Founder, Pablo Estates

June 2016 - June 2017

- Automated inventory and check-in/check-out process. Expanded the business from one property to six properties.

Project Manager, LLIP

June 2015 - June 2016

- Released LLIP app on iOS and Android.

EDUCATION

University of California, Santa Cruz

Bachelor of Science in Business/Econ/Accounting and History of Asia

June 2013