

Kavya Kumar

SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

OfferUp Inc.

May 2022 - Present

Software Development Engineer II

- Client tech lead for third party advertising team; architected, implemented, delegated work for multiple new ad partners to boost revenue and user engagement
- Led the design and implementation efforts as tech lead for generalizing ad formats to maximize speed and efficiency by 50% when working with new ad partners
- Onboarded and mentored junior engineers to guide technical skills in frontend development as well as leadership abilities
- Collaborated with third party ad partners, product managers, and designers to determine API contracts and integrate new ad placements into OfferUp app
- Re-architected ad event tracking framework for web ads to reduce duplicate ad impressions by 50% and ensure that ad events comply with ad impression measurement guideline
- Implemented in app browser for product listing ads to promote app user engagement by 20%
- Remodeled legacy advertising React components to ensure 100% test coverage across all ad formats

Lyell Immunopharma

Nov 2019 - May 2022

Software Engineer

- Led frontend development to automate experiment workflows which analyze data for cell based cancer treatment
 - Proposed and implemented integration of Google Analytics to track user statistics and monitor usage
 - Developed an analysis platform with React/Redux to process plate based arrays and visualize data with VictoryChart library, which reduced scientist workload by 25%
 - Advocated for better testing culture by spearheading UI testing using Cypress.io to automate end to end testing
 - Architected and built a TypeScript/ React web application to track metadata management and enable data traceability for flow cytometry experiment
 - Championed migration to TypeScript from JavaScript to write boldly typed applications and minimize user error
 - Built UI component library using Storybook to produce reusable components and streamline frontend design
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KEY COMPETENCIES

TypeScript, JavaScript

Redux

Git

GraphQL

HTML/CSS

Babel, Webpack

React

Jest, Percy.io, Cypress.io

Node.js

EDUCATION & CERTIFICATIONS

Bachelor of Science, Chemical Engineering

University of California, San Diego

Graduated with Provost Honors

App Academy

San Francisco, CA

1000 hour immersive full-stack web development intensive with less than 3% acceptance rate