

Kavya Kumar

Software Engineer

tellkavya@gmail.com

www.kavyakumar.com

LinkedIn

GitHub

Experience

Software Engineer II | OfferUp

May, 2022 - Present / Remote

- Planned, led, and delegated feature work in the network advertising team for multiple new ad formats to boost revenue and user engagement
- 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 guidelines
- Collaborated with legal team to execute ad privacy and GPC opt out efforts as new state laws came into effect
- Implemented in-app browser for product listing ads to promote app user engagement by 20%
- Remodeled legacy advertising components to ensure 100% test coverage across all ad formats
- Assisted with onboarding and mentoring junior engineer to guide technical skills and leadership abilities
- Collaborated with product managers and designers to experiment with and enhance product listing ad customizations

Frontend Software Engineer | Lyell Immunopharma

November, 2019 - April, 2022 / San Francisco, CA

- Led frontend development to automate experiment workflows which analyze data for cell-based cancer treatments
- 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 experiments
- Championed migration to TypeScript from JavaScript to write boldly typed applications and minimize user error
- Built UI component library to produce reusable components and streamline frontend design

Systems Engineer | Agena Bioscience

May, 2016 - April, 2019 / San Diego, CA

- Collaborated with engineers to develop, verify, and validate new products in compliance with ISO 13485 and 9001
- Executed integration and software testing to verify functionality of clinical products and reviewed validation test plans prior to new product launch

Education

B.S. Chemical Engineering | University of California, San Diego

2012-2016 / La Jolla, CA

- Graduated with Provost Honors

App Academy

2019 / San Francisco, CA

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

Skills

Frontend

TypeScript,
JavaScript,
React Native,
GraphQL,
HTML5,
CSS3,
Node.js,
React,
Redux

Other

Python (learning),
Ruby,
Ruby on Rails,
AWS,
Git (Version Control)

Tools

Frontend

Webpack,
Jest,
Figma,
Cypress.io,
Percy.io,
Parcel,
InVision,
AVA,
StoryBook,
ES6